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Optimization of Water Quality Monitoring in the Yukon River Basin

YUKON RIVER BASIN STUDY

This project was completed for the Yukon River Basin Study, an intergovernmental study funded by the governments of Canada, Yukon and British Columbia.

Water Quality Report No. 2

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Water Quality Work Group Report #2

Disclaimer

This report was funded in part by the Yukon River Basin Committee under the terms of "An Agreement Respecting Studies and Planning of Water Resources in the Yukon River Basin" between the Governments of Canada, British Columbia and Yukon. The views, conclusions and recommendations are those of the author and not necessarily those of the Water Quality Work Group, the Yukon River Basin Study Committee, or the Governments of Canada, Yukon or British Columbia.

ABSTRACT

A method for determining optimum sampling frequencies for the determination of long term trends is described. This method uses the following approach: using data collected at regular intervals determine the coherence of that series, and the redundancy of that series. An optimized sampling frequency maximizes the coherence of the series while minimizing the amount of redundant data gathered. The theoretical basis for the approach and the application to data collected in the Yukon River Basin Study is described.

RESUME

Cet article décrit une méthode d'optimisation de la fréquence d'échantillonnage en vue de la détermination de tendances à long terme. Cette méthode utilise des données recueillies à intervalles réguliers et détermine la cohérence et la redondance de cette série de données. Une fréquence optimale d'échantillonnage amène à un maximum la cohérence de la série, tout en minimisant la cueillette de données redondantes. Les bases théoriques de cette approche et son application aux données recueillies lors de l'étude du bassin de la rivière Yukon sont discutées dans l'article.

Introduction

One of the projects funded under the Yukon River Basin study was a water quality monitoring network operated by the Department of Indian and Northern Affairs. Details of this network are available in Jack, et al. (1983). Samples from some ten sites from this network were collected at one and two week intervals. These stations provide data which is suitable for evaluation of the monitoring frequency with the aim of optimizing future monitoring efforts in the basin.

One of the principal questions which agencies responsible for monitoring the quality of water should address is: What is the effectiveness of their data gathering effort? The effectiveness of data gathering effort is maximized when the data collection provides adequate data to enable appropriate decisions to be made with some degree of confidence (based on that data) while avoiding the collection of redundant information. In other words, an effective monitoring design achieves a balance between collecting enough data to account for the variations which occur in a system, while avoiding the collection of data which does not improve the understanding of the variation.

This paper puts aside the question of synopsis and monitoring network design and concentrates on the problem of the design of single monitoring sites. Each site is a fundamental unit of a network or synoptic analysis. If the data from the individual sites are inadequate then any overviews or synopsis will also be inadequate.

The question of establishing a frequency for routine monitoring is one of the central questions in the design of a monitoring site. Other questions of importance include both site location and variable selection and have been dealt with by a variety of authors, most notably Sharp (1970, 1971), Sanders (1982), and Dandy and Moore (1979). These latter concerns tend to be more subjective than the question of frequency.

A variety of approaches to establishing monitoring frequencies can be used depending upon the constraints. This evaluation considers only one approach, the detection of trends or changes over the long term. The discussion of monitoring design can then be limited to consideration of optimizing systematic sampling.

At the present time, and for the forseeable future, detection of change will rely heavily on time series methods such as those proposed by Box and Jenkins (1976). These methods are more rigorous than classical methods when dealing with data which form a time series. Several authors have demonstrated the application of time series method to hydrology (i.e. Hipel et al., 1977) and to water quality (McLeod et al., 1983; Whitfield and Woods, in press).

The approach used in this paper is described in detail in the following sections and is summarized as follows. First determine the coherence of data from systematic sampling. The coherence of a series is reflected in the autocorrelation function of that series. This property is a measure of the data being logically consistent (i.e. not random). Second,

evaluate the redundancy of the series. Redundancy reflects the collection of excess data, that being data which does not increase the coherence of the data set.

In optimizing data collection the coherence of a series is to be maximized while the redundancy is to be minimized. In practical application neither of these will reach the limits for each offsets each other (i.e. to reach maximim coherence, redundancy will also tend to a maximum).

The details of the collection of the data, site locations and methods of sample analysis are given in Jack et al. (1983) and are not repeated here. The sites were sampled either weekly or every other week from August 1982 to September 1983, with the exception of the Yukon River at Carmacks and the Yukon River at Marsh Lake control structure. These latter two sites have much longer records and provide us with the most detailed records available from within the basin.

Systematic Water Quality Monitoring

Systematic sampling is quite different from simple random sampling. Since systematic sampling is proposed for water quality monitoring by many authors, it is worthwhile considering how it is different. Basically the N units of a population are numbered from 1 to N in same order. To select a sample of n units, a random sample is taken from the first k units and at every k units following. For example if k is 15 the first sample might, based on random selection be 13. The subsequent units would then be 28, 43, 58...

The advantages of this method over simple random sampling are:

1. It is easier to execute the sampling.

2. Intuitively, systematic sampling of a random process seems likely to be more precise than random sampling. In effect it stratifies the sample population into strata each of which consists of k units. The systematic samples are spread evenly over the population which can increase precision.

Statistically it can be shown (Cochran 1946, 1963) that the variance of a systematic sample of a random process is:

$$V(\bar{y}_{sy}) = \frac{N-1}{N} S^2 - \frac{k(n-1)}{N} S^2_{wsy}$$

where

$$S^2_{wsy} = \frac{1}{k(n-1)} \sum_{i=1}^{k} \sum_{j=1}^{n} (y_{ij}-\bar{y}_i)^2$$

And the mean of a systematic sample is more precise if

$$\frac{N-1}{N} S^2 - \frac{k(n-1)}{N} S^2_{wsy} < \frac{N-n}{N} \frac{S^2}{n}$$

This result states that systematic sampling is more precise than simple random sampling if the variance within the systematic sampling is larger than the population variance.

Another form of the variance is

$$V_{(\bar{y}sy)} = \frac{S^2}{n} \frac{(N-1)}{(N)} [1+(n-1)\rho_w]$$

where ρ_w is the correlation coefficient between pairs of units in the systematic sample. This shows that positive correlation between units in the same sample inflates the variance of the sample mean. These formulations show that systematic sampling of a population is more precise than simple random sampling (Madow, 1946).

Lettenmaier, (1978); Lettenmaier and Burges, (1977); and Lettenmaier et al., (1978) propose the following approach to establishing monitoring frequencies based on the objective of assessing trends on changes in water quality:

> Consider the series of observations $\{X\} = X_1, X_2 \ldots X_i \ldots X_n$. One characteristic of trends is that, in general, the observations X_i are the function of i. The problem can be put into a statistical framework by testing the null hypothesis, H_0 (no change over series), against H_1 (change exists in the series). Statistically the burden is on the data, and the test statistic used;

to demonstrate the occurrence of changes otherwise the alternative hypothesis H_1 is rejected.

Two types of errors are encountered in hypothesis testing. Type I errors result when the null hypothesis indicating no change is rejected the test used indicate a change has occurred when in fact no change has occurred. Type II errors result when the test indicates no change has occurred that is the acceptance of the null hypothesis, when a change has occurred. These two errors are related in that increasing the confidence level $(1-\alpha)$ (reducing type I error), reduces the power $(1-\beta)$ (increasing type II error). Lettenmaier places the burdens of proof on the test statistic T, keeping type I error relatively low (i.e. using a 95% confidence interval). On the other hand the power of the test, as a measure of the ability of the test to detect trends, depends on the process which generated the time series.

The confidence level $(1-\alpha)$ is normally specified apriori; the critical value of the test statistic is a function of α and the sample size n. At a fixed value of α, the power of a test gives the probability of detecting a trend when one exists.

Two of the more simple trends are step and linear. A step trend is an instantaneous jump in process mean level at some point in the record, i.e.,

$$X_t = \mu_1 + [\mu_2 - \mu_1]_T + \varepsilon_t$$

Where μ_1 and μ_2 are the true means of the before and after

portions of the record, and ε_t is a stochastic noise term. A linear trend is simply a uniform increase in process mean level:

$$X_t = \mu + (t/T)\, \Delta\mu + \varepsilon_t$$

For large sample sizes or when the variance of ε_t is known, the power of classical two tailed t-tests against the trends where ε_t is statistically independent and normally distributed with mean zero and variance σ_ε^2 is

$$1-\beta = F_g\, [E(T) - W_{1-\alpha/2}]$$

where T is the normalized test statistic given by

$$T = \frac{|\hat{\mu}_2 - \hat{\mu}_1| \sqrt{n}}{2\, \hat{\sigma}_\varepsilon} \qquad \text{(step trend)}$$

or

$$T = \frac{\Delta\hat{\mu}\sqrt{n}}{\sqrt{12}\;\; \hat{\sigma}_\varepsilon} \qquad \text{(linear trend)}$$

The "^" denotes a sample estimate, and E is the statistical expectation operator; Fg is the cumulative distribution function of a standard normal probability distribution and $W_{1-\alpha/2}$ is the standard normal quantile at probability level $1-\alpha/2$. The expectation of the normalized test statistic, E(T) is known as the noncentrality parameter N_T and is given by

$$N_T = \frac{T_r \sqrt{n}}{2\sigma_\varepsilon} \qquad \text{(step trend)}$$

$$N_T = \frac{T_r \sqrt{n(n+1)\,(n-1)}}{n \sqrt{12}\, \sigma_\varepsilon} \simeq \frac{T_r \sqrt{n}}{\sqrt{12}\, \sigma_\varepsilon} \qquad \text{(linear trend)}$$

where T_r is the trend magnitude (total change in mean over the record) and is equal to $|\mu_1-\mu_2|$ for the step trend and $|\Delta\mu|$ for the linear trend.

When observations are dependent (which is almost always the case in observed time series) the test power will be a function of the correlation structure of the time series. The power of these tests is shown to be approximately,

$$Pw = F_t \; \frac{T_r \sqrt{n_b^*}}{K\sigma_\varepsilon} - t_{1-\alpha/2,\nu}$$

in which F_t is the standard Students t-distribution with ν degrees of freedom (n-2); T_r is the trend magnitude; n_b^* is the effective independent sample size; σ_ε the standard deviation of the residual noise (time series with trend removed) $K^2=4$ for step and 12 for linear trends. For $n > 30$, $t_{1-\alpha/2,\nu}$ becomes $Z_{1-a/2}$ and F_t may be replaced by F_g, the standard normal cumulative distribution function.

$$\text{At } n > 30 \qquad N_t = \frac{Tr \sqrt{n^*{}_b}}{K\sigma_\varepsilon}$$

There is a maximum power (P_{max}) which may be achieved; this maximum power may be viewed as the power available from a continuous monitor. The maximum power is a function of trend type and magnitude as well as the variability and persistence structure of the time series. The maximum power results because the independent sample

size has a finite maximum for many forms of time series persistence as

$$\frac{1}{n_{max}} = \lim_{n \to \infty} \left[\frac{1}{n} + \frac{2}{n^2} \sum_{j=1}^{n-1} (n-j)\, \rho\, (jt) \right]$$

Using a lag one Markov model appeared to give a reasonable fit in all cases. Using this model using $\rho\ (jt) = \rho_o^t$ with ρ_o the lag one correlation coefficient at an arbitrarily chosen base sampling period t=1.

Increasing the sample frequency increases the effective independent sample size and hence the power of the test. For a lag one Markov model, a finite upper limit on the effective sample size exists. There then exists a point at which returns diminish since increases in frequency result in only small increases in the effective sample size. Table 1 gives for several values of the lag one correlation coefficient which must be taken to reach 50, 70 and 90 percent of the effective independent sample size.

Determination of the actual sample frequency requires consideration of the power of trend detectability desired given by:

$$P_W = Fg \frac{Tr\sqrt{n}}{\sqrt{K_m}\,\sigma_\varepsilon} - W_{1-a/2}$$

Where K_m is a function of the polynominal order m (i.e. for m = 0, 1, 2, 3, 4; K_m = 4, 12, 180, 2.8×10^3, 4.41×10^4); Tr is the trend magnitude; Fg the cumulative distribution function and $W_{1-\alpha/2}$ is the standard normal quantile at a probability level

$1-\alpha/2$. The cumulative distribution function is available from tables. The trend magnitude must be specific apriori as a threshold level and the standard deviation and lag one correlation coefficient may be estimated from historic data. Table 2 gives an example of the analytic result from Lettenmaier (1978).

Lettenmaier also considers the power of a uniform sampling strategy against a stratified sampling strategy. Stratified sampling involves taking multiple samples at fewer visits which reduces the cost of sampling in terms of time and travel. However, the equivalent independent sample size is reduced. In Lettenmaier's analysis it is shown that the power of trend detection is reduced by stratification of n samples when compared to n uniform samples.

Table 1 Number of Yearly Samples Required to Reach a Given Proportion of Yearly Maximum Effective Sample Size. (Lettenmaier, 1978)

	Percent of n max		
$\rho(1)$	50	70	90
0.65	41	73	124
0.70	33	52	119
0.75	28	46	91
0.80	21	37	73
0.85	16	26	52
0.90	10	17	33
0.95	5	8	17

Table 2 Required Sample Interval in Days for Given Power Against a Step Trend at 95% Confidence Level*

		Tr/σ						
P_W	$P_{(1)}$	0.1	0.3	0.5	0.7	1.0	1.5	2.0
0.99	.95	-	-	-	-	-	47	98
	.85	-	-	-	-	24	50	99
	.75	-	-	-	11	25	56	99
0.90	.95	-	-	-	-	24	96	174
	.85	-	-	-	20	43	98	174
	.75	-	-	10	21	43	98	174
0.80	.95	-	-	-	-	56	131	233
	.85	-	-	9	28	58	131	233
	.75	-	-	14	28	58	131	233
0.50	.95	-	-	-	50	118	267	475
	.85	-	-	29	58	119	267	475
	.75	-	9	30	58	119	267	475

*At each trend to standard deviation ratio and power the column entries are for record lengths of five years. The three rows correspond to daily lag one correlation coefficients. Blanks denote unobtainable power.

With the realization that at high frequencies independence of observations cannot be assumed, Whitfield (1983b) suggested a method for estimating a starting frequency. This approach is somewhat more simplistic than that of Lettenmaier's approach but attains a similar result. This approach is based on the objective of obtaining data which can be used for time series analysis. The underlying condition of this approach is that the sampling will be systematic (i.e. a fixed frequency). The major feature to weigh is the desire to avoid collecting excessive redundant data.

The redundancy in a particular record can be estimated in the following manner:

Consider the series of observations $Y_1, Y_2, Y_3 \ldots Y_t \ldots Y_n$. For interval k let R_k be the redundancy, where for a redundant series $R_n = 0$. Estimate R_k by

$$R_k = \frac{\Sigma\ (Y_t - Y_{t-k}^2)}{n}$$

When plotted as in Figure 1 the linear portion at lags greater than 20 can be extrapolated back to $R_{k=0}$.

The autocorrelation function of a series is estimated by:

$$r_k = \frac{1}{n} \sum_{t=1}^{n=k} (Y_t - \overline{Y})\ (Y_{t+k} - \overline{Y}) \qquad k=0,\ 1,\ 2\ \ldots$$

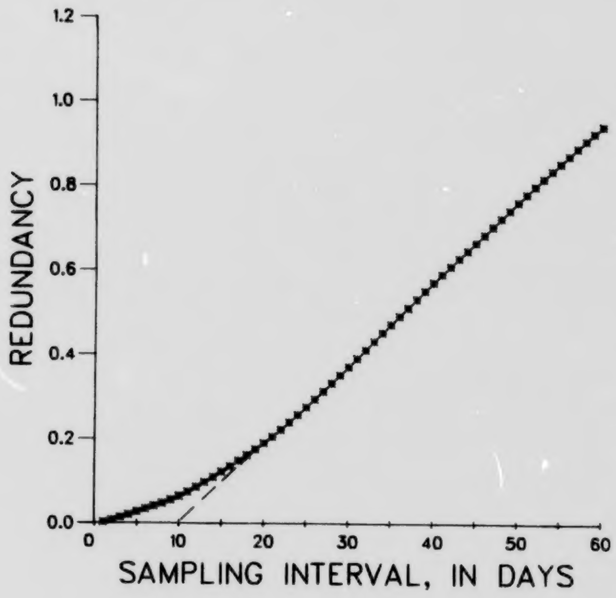

Figure 1. Estimates of redundancy (R_k) at various sampling intervals from Whitfield (1983b).

Plots of this type (as in Figure 2) must be weighed against plots of the type shown in Figure 1. The desired balance is between collecting samples frequently enough so that not much change occurs between samples and collecting them too frequently and obtaining redundant data. Initial sampling frequencies for monitoring may be established in this manner and re-evaluated using methods such as those proposed by Lettenmaier (1978).

Application

The Yukon River Basin Study Water Quality Monitoring project collected three classes of data from two types of stations. The three types of data collected were; reconnaissance data, monitoring data and quality control data. The two types of stations were; fixed frequency time series stations and irregular frequency stations. The initial step in preparing the data for the analysis described here was to eliminate all data not collected at a fixed frequency. This step results in data sets from seven stations which had designs of one sample each week and three with designs of one sample every second week.

It is critical in this analysis that the data series are of fixed frequency. It was necessary then to check each of the stations to determine the achieved frequency. The achieved frequency for each station was established by determining the interval (in days) between samples in the series, over the entire series. The program which was used in this analysis and sample output is given in Appendix 1. This

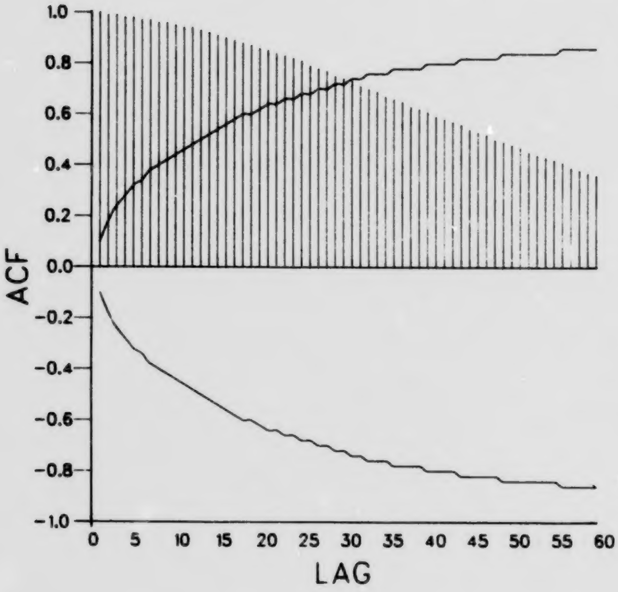

Figure 2. The autocorrelation function for the same series as Figure 1, also from Whitfield (1983b). The vertical lines indicate the autocorrelation function, the continuous function is the standard error.

program flags all samples taken at greater than 10 day intervals, provides a summary of achieved frequencies and reports extreme cases. Extreme cases being multiple samples taken on one day and sampling intervals of greater than 59 days. Results from this procedure were used to isolate missing samples and efforts were made to locate records that were missing.

Table 3 lists the time series stations, the design sample intervals and the achieved sample intervals. The monitoring network was generally able to meet the design frequencies, based on the results at hand.

When a record approximately met the design frequency further analysis could take place. Each variable from each station was treated on an individual basis or case. Each case was analysed for:

a. Count of zero values. Only three variables have legitimate zero values; air temperature, water temperature and phenolphthalein alkalinity. This test identifies missing values within a series. If values were found to be missing efforts were made to isolate the source of the problem and decide whether or not to proceed with the variable in the analysis.

b. Standardization of Data. Each variable has a unique mean and variance. If the analysis was performed on the input series the variation in magnitude of the means would bias the results. To avoid this problem all input series were transformed to z-scores

TABLE 3. Design and achieved sampling intervals for time series stations

Station	Naquadat Number	Sampling Intervals 3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	#Simulated
ONE WEEK SAMPLING INTERVAL						*														
Yukon River at Marsh Lake	00YT09AB0006	1	2		10	143	11	1												2
Yukon River at Carmacks	00YT09AH0001	2	3	4	23	91	23	4	4	1										1
Pelly River at Pelly Crossing	00YT09BC0002		1	6	1	39	1	6	1											2
Pelly River at Faro	00YT09BC0008			1	3	47	3	1												2
Stewart River at Stewart Crossing	00YT09DD0001			1	2	48	4													1
Klondike River at Dawson	00YT09EA0001			1	2	48	2	2												2
Yukon River at Eagle, Alaska	00AK09ED0001	1		2	6	10	1	2	1		1		1	1			1		5	-
TWO WEEK SAMPLING INTERVAL													*							
Yukon River above Takhini River	00YT09AB0008											1	25	1						0
Takhini River at Mouth	00YT09AC0001											1	25	1						0
Nordenskiold River at Carmacks	00YT09AH0012										2	6	11	6	2					0

to make the series directly comparable. This transformation is done by substracting the mean of the series from each observed value and dividing by the standard deviation. The resulting series has a mean of zero and a standard deviation of one.

c. Estimation of Redundancy. The redundancy of each transformed series was estimated for the first 12 lag periods. That is for sampling intervals from one week to twelve weeks for weekly sites and for two weeks to twenty-four weeks for bi-weekly sites. The estimation procedure used was taken from Whitfield (1983b).

d. Autocorrelation Estimation. The autocorrelation function of each transformed series was estimated for the first twelve lag periods as for redundancy. The estimation procedure used was taken from Box and Jenkins (1976).

e. Maximum Coherence. Determine the lag period at which the autocorrelation function is maximum, and its significance. If the coherence was significant (i.e. probability < 0.05) determine all lags at which coherence was significant. This or these will be alternative sampling periods. If the coherence is not significant the input record is approximately random and sampling frequency can be determined in a different manner.

f. Maximum Change in Redundancy. Determine the two lags between which the maximum increase in redundancy occurs. This period

reflects the break in the slope of the curve of redundancy plotted against lags. At higher frequencies the series becomes increasingly redundant. This reflects less gain in information on a per sample basis than at lower sampling intervals.

g. All of this information is used to determine a optimum sampling frequency. The basis of the proposed frequencies was a minimization of the redundancy while maximizing the coherence. Table 4 contains the proposed minimum frequencies for sampling for the nine stations which had adequate data for this analysis. Longer records were available for the Yukon River at Carmacks and the Yukon River at Marsh Lake control structure. These records begin in 1980 and continue through the basin study monitoring data. These records were each split into three year long periods. This splitting allows comparison of strategies between years at each of these sites and gives some feeling for how repeatable the results can be expected to be.

The design frequencies given in Table 4 were determined from the results using the following criteria:

1. If the number of observed zeros in a series was greater than 10%, except where zero was an observable value (i.e. temperature), the record was designated as inadequate (- in Table 4).

2. If the probability of the maximum coherence was not less than 0.05 the record is noncoherent at all sampled lags. These variables do not behave in an autoregressive manner as sampled. Either a higher frequency of sampling is required or a random sampling may be used. Which of these is applicable cannot be determined from the present data sets. These cases are designated as noncoherent (* in Table 4).

3. Where the lag of maximum coherence was significant and coincided with the limits of the maximum change in the redundancy, that lag was chosen as the optimum sampling frequency.

4. Where lags of significant coherence did not coincide with the limits of maximum change in redundancy, the largest lag which had significant coherence which was less than the limits of the redundancy was chosen.

The results contained in Table 4 suggest that each variable at each site requires its own frequency of sampling. Biweekly sampling at sites AH0012, AC00D1, and AB0008 was less adequate than the weekly sampling at the other weekly sites as reflected by the number of variables having inadequate coherence. Occurrances of inadequate coherences for many variables require further study but as suggested previously many of the cases would require more frequent sampling while for others a less frequent random sampling

might be adequate. In about one half of the cases weekly sampling was the minimum acceptable frequency.

With the exception of mercury (Hg) none of the variables appear to be random over all the sites. Many of the variables which were designated as noncoherent would be classed as coherent at a lower significance level (i.e. < 0.10). Based on these results it is suggested that weekly monitoring continue as the basis for sampling interval for most variables. Some variables can, at some sites, be sampled less frequently. Caution should be used before any reductions are implemented, since the multiyear data sets show a certain amount of disagreement. Using the Yukon River at Carmacks data, the minimum frequency based on 1980-81 data for sodium (Na) is four weeks, for 1981-82 data is one week and for 1982-83 data the record was noncoherent.

It should be emphasized then that these are only starting points. Monitoring programs based on the optimum frequencies should be evaluated on a regular basis to ensure the adequacy of the data for its intended use.

TABLE 4. Optimum Sampling Frequencies for Yukon River Basin Sites in Week Intervals

Station (NAQUADAT Station Numbers Beginning 00YT09-)

Variable	AH0001 80-81	AH0001 81-82	AH0001 82-83	AB0006 80-81	AB0006 81-82	AB0006 82-83	EA0001 82-83	DD0001 82-83	BC0002 82-83	BC0008 82-83	AH0012 82-83	AC0001 82-83	AB0008 82-83
Air Temperature	1	1	8	1	1	5	3	8	3	4	4	2	3
Water Temperature	1	1	6	1	1	3	3	5	4	3	4	2	1
Field pH	1	1	1	*	-	*	-	*	-	1	*	*	*
Field Conductance	*	*	-	1	-	-	-	-	-	-	2	*	-
Lab Temperature	1	1	1	*	*	*	*	*	1	1	*	*	*
Lab pH	1	1	*	1	*	2	*	1	*	1	2	2	*
Lab Conductance	1	1	3	1	*	1	6	3	1	1	4	4	*
Turbidity	1	2	2	1	1	3	*	1	1	3	*	4	*
Colour	1	1	2	1	1	1	1	1	1	1	*	*	*
Alkalinity Phenolphthalein	any	any	any	any	any	any	any	any	any	any	any	any	any
Alkalinity Total	1	1	3	1	*	2	3	3	1	2	2	2	2
Hardness	1	1	3	1	*	1	6	3	1	1	2	2	2
Ca	1	1	3	1	*	1	3	3	1	1	2	2	2
Mg	*	*	1	*	1	*	5	2	1	3	2	*	*
K	1	*	*	*	*	*	1	1	2	2	4	*	*
Na	3	1	*	1	*	*	6	3	4	1	2	2	2
Cl	1	1	1	*	*	*	4	2	5	*	2	*	2
F	*	2	1	8	1	4	1	1	2	3	*	*	*
Silicate	1	1	3	*	1	*	6	1	2	2	2	6	*
Sulphate	2	1	7	1	1	*	6	2	3	1	2	4	*
Nitrate + Nitrite	4	*	1	*	*	*	6	1	1	*	*	*	*
Nonfilterable Residue	1	-	-	*	-	-	3	4	-	-	-	4	*
Filterable Residue	*	-	-	1	-	*	1	1	1	-	-	*	*
Fixed Nonfilterable Residue	1	-	-	*	-	-	3	4	-	-	-	4	*
Fixed Filterable Residue	*	-	-	1	-	*	1	1	*	-	-	*	*
As	*	*	*	*	*	*	*	1	2	*	*	2	*
Se	*	*	*	any	2	*	4	4	3	1	*	*	*
Cd	-	-	-	-	*	*	-	-	-	-	-	-	*
Cu	-	-	*	-	*	*	*	2	1	1	*	*	*
Zn	-	-	*	-	*	1	*	4	1	1	2	*	*
Fe	-	-	2	-	1	-	3	5	1	3	*	4	-
Pb	-	-	*	-	*	*	1	*	1	4	*	*	*
Mn	-	-	2	-	1	*	3	1	1	3	*	4	*
Hg	-	-	*	-	*	*	*	*	*	*	*	*	*
Total Dissolved Nitrogen	-	-	*	-	*	*	6	*	1	*	*	*	*
Total Phosphorus	-	-	*	-	1	*	3	1	1	3	*	*	*
Total Organic Carbon	-	-	2	-	-	2	2	2	2	1	*	2	*
Total Inorganic Carbon	-	-	1	-	-	1	1	2	1	1	2	4	*

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Appendix 1 Listing of Fortran 77 program used to determine achieved sampling frequency for high frequency monitoring sites.

sting of SAMPLE.FREQ at 08:11:29 on NOV 23, 1983 for CCid=WQBC

```
C------------------------------------------------------------------
C
C  PROGRAM SAMPLE.FREQ
C
C  DATA SORTED INTO ASCENDING ORDER BY STATION IS READ ON UNIT 3
C
C ALL DATA TYPES (5) AND (3) 0335 AND 0333 RECON AND QUALITY CONTROL
C HAVING BEEN REMOVED.
C
C------------------------------------------------------------------
C
C   FORTRAN-77
C------------------------------------------------------------------
      CHARACTER*12 STAT, STATN
      REAL*4 A(50)
      INTEGER*4 KOUNT(60) /60*0/
C INPUT THE VERY FIRST RECORD
      READ (3,110) STAT, ID, IM, IY, IH, IMIN, LABEL, (A(I),I=1,50)
C CONVERT DATE TO INTEGER NUMBER
      INDEX = JULDAY(IM,ID,IY)
C PRINT OUT A TITLE
      WRITE (6,90)
C SET UP A COUNTER FOR NUMBER OF SAMPLES AT A SITE
      ICOUNT = 0
C SET UP A COUNTER FOR SIMULATED RECORDS
      JCOUNT = 0
C READ SECOND AND SUBSEQUENT RECORDS
   10 READ (3,110,END=50) STATN, ID, IM, IY, IH, IMIN, LABEL,
     1(A(I),I=1,50)
C GET INTEGER INDEX OF THE NEW DATE
      JNDEX = JULDAY(IM,ID,IY)
C IF THE STATION IS THE SAME UPDATE FREQUENCY COUNTER
C IF MORE THAN 10 DAYS HAVE ELAPSED PRINT CURRENT DATE
C IF ELAPSED TIME IS 0 HANDLE THAT
C IF ELASPED TIME IS GREATER THAN 59 DAYS HANDLE THAT
      IF (STAT .EQ. STATN) THEN
        ICOUNT = ICOUNT + 1
        IF (LABEL .EQ. 8) JCOUNT = JCOUNT + 1
        IDAY = JNDEX - INDEX
        IF (IDAY .GE. 10) WRITE (6,120) ID, IM, IY
        IF (IDAY .GE. 59) IDAY = 59
        IF (IDAY .LT. 0) IDAY = 59
        IF (IDAY .EQ. 0) IDAY = 60
        INDEX = JNDEX
        KOUNT(IDAY) = KOUNT(IDAY) + 1
      ELSE
C WHEN A NEW STATION IS ENCOUNTERED PRINT OUT THE REGISTERED
C SAMPLING FREQUENCIES.  NOTING PARTICULARLY THE EXTREME PERIODS.
        WRITE (6,100) STAT, ICOUNT
        IF (KOUNT(60) .NE. 0) THEN
          IN = 0
          WRITE (6,130) IN, KOUNT(60)
        END IF
C
        DO 20 I = 1, 58
   20   IF (KOUNT(I) .NE. 0) WRITE (6,130) I, KOUNT(I)
C
        IF (KOUNT(59) .NE. 0) WRITE (6,140) KOUNT(59)
```

Appendix 2 Detailed output from program listed in Appendix 1 using the data from the ten high frequency monitoring sites and the necessary simulated observations.

SAMPLE DATES AFTER MORE THAN 10 DAYS

8	12	80
29	12	80
26	1	81
1	6	81
28	7	81

00YT09AH0001 TOTAL SAMPLES 155

NUMBER OF SAMPLES AT 3 DAY INTERVAL	2
NUMBER OF SAMPLES AT 4 DAY INTERVAL	3
NUMBER OF SAMPLES AT 5 DAY INTERVAL	4
NUMBER OF SAMPLES AT 6 DAY INTERVAL	23
NUMBER OF SAMPLES AT 7 DAY INTERVAL	91
NUMBER OF SAMPLES AT 8 DAY INTERVAL	23
NUMBER OF SAMPLES AT 9 DAY INTERVAL	4
NUMBER OF SAMPLES AT 10 DAY INTERVAL	4
NUMBER OF SAMPLES AT 11 DAY INTERVAL	1

AVERAGE SAMPLING INTERVAL= 6.99

NUMBER OF SIMULATED RECORDS= 1

SAMPLE DATES AFTER MORE THAN 10 DAYS

13	9	82
21	10	82
12	11	82
11	1	83
22	2	83
25	3	83
14	5	83
10	6	83
20	6	83
27	7	83
24	9	83

00AK09ED0001 TOTAL SAMPLES 33

NUMBER OF SAMPLES AT 3 DAY INTERVAL	1
NUMBER OF SAMPLES AT 5 DAY INTERVAL	2
NUMBER OF SAMPLES AT 6 DAY INTERVAL	6
NUMBER OF SAMPLES AT 7 DAY INTERVAL	10
NUMBER OF SAMPLES AT 8 DAY INTERVAL	1
NUMBER OF SAMPLES AT 9 DAY INTERVAL	2
NUMBER OF SAMPLES AT 10 DAY INTERVAL	1
NUMBER OF SAMPLES AT 12 DAY INTERVAL	1
NUMBER OF SAMPLES AT 14 DAY INTERVAL	1
NUMBER OF SAMPLES AT 15 DAY INTERVAL	2
NUMBER OF SAMPLES AT 18 DAY INTERVAL	1
NUMBER OF SAMPLES AT 31 DAY INTERVAL	1
NUMBER OF SAMPLES AT 33 DAY INTERVAL	1
NUMBER OF SAMPLES AT 37 DAY INTERVAL	1
NUMBER OF SAMPLES AT 45 DAY INTERVAL	1

*****SAMPLES AT EXTREME FREQUENCY*** 1

AVERAGE SAMPLING INTERVAL= 11.36

NUMBER OF SIMULATED RECORDS= 0

SAMPLE DATES AFTER MORE THAN 10 DAYS

00YT09AB0006   TOTAL SAMPLES 168

NUMBER OF SAMPLES AT	3 DAY INTERVAL	1
NUMBER OF SAMPLES AT	4 DAY INTERVAL	2
NUMBER OF SAMPLES AT	6 DAY INTERVAL	10
NUMBER OF SAMPLES AT	7 DAY INTERVAL	143
NUMBER OF SAMPLES AT	8 DAY INTERVAL	11
NUMBER OF SAMPLES AT	9 DAY INTERVAL	1

AVERAGE SAMPLING INTERVAL=   6.96

NUMBER OF SIMULATED RECORDS= 2

SAMPLE DATES AFTER MORE THAN 10 DAYS

00YT09EA0001 TOTAL SAMPLES 55

NUMBER OF SAMPLES AT	5 DAY INTERVAL	1
NUMBER OF SAMPLES AT	6 DAY INTERVAL	2
NUMBER OF SAMPLES AT	7 DAY INTERVAL	48
NUMBER OF SAMPLES AT	8 DAY INTERVAL	2
NUMBER OF SAMPLES AT	9 DAY INTERVAL	2

AVERAGE SAMPLING INTERVAL= 7.04

NUMBER OF SIMULATED RECORDS= 2

SAMPLE DATES AFTER MORE THAN 10 DAYS

00YT09DD0001 TOTAL SAMPLES 55

NUMBER OF SAMPLES AT	5 DAY INTERVAL	1
NUMBER OF SAMPLES AT	6 DAY INTERVAL	2
NUMBER OF SAMPLES AT	7 DAY INTERVAL	48
NUMBER OF SAMPLES AT	8 DAY INTERVAL	4

AVERAGE SAMPLING INTERVAL= 7.00

NUMBER OF SIMULATED RECORDS= 1

SAMPLE DATES AFTER MORE THAN 10 DAYS

00YT09BC0008 TOTAL SAMPLES 55

NUMBER OF SAMPLES AT	5 DAY INTERVAL	1
NUMBER OF SAMPLES AT	6 DAY INTERVAL	3
NUMBER OF SAMPLES AT	7 DAY INTERVAL	47
NUMBER OF SAMPLES AT	8 DAY INTERVAL	3
NUMBER OF SAMPLES AT	9 DAY INTERVAL	1

AVERAGE SAMPLING INTERVAL= 7.00

NUMBER OF SIMULATED RECORDS= 2

SAMPLE DATES AFTER MORE THAN 10 DAYS

5 2 83

00YT09BC0002 TOTAL SAMPLES 55

NUMBER OF SAMPLES AT 4 DAY INTERVAL	1
NUMBER OF SAMPLES AT 5 DAY INTERVAL	6
NUMBER OF SAMPLES AT 6 DAY INTERVAL	1
NUMBER OF SAMPLES AT 7 DAY INTERVAL	39
NUMBER OF SAMPLES AT 8 DAY INTERVAL	1
NUMBER OF SAMPLES AT 9 DAY INTERVAL	6
NUMBER OF SAMPLES AT 10 DAY INTERVAL	1

AVERAGE SAMPLING INTERVAL= 7.00

NUMBER OF SIMULATED RECORDS= 2

SAMPLE DATES AFTER MORE THAN 10 DAYS

16	9	82
30	9	82
14	10	82
29	10	82
10	11	82
25	11	82
10	12	82
23	12	82
5	1	83
21	1	83
3	2	83
18	2	83
3	3	83
17	3	83
31	3	83
14	4	83
28	4	83
12	5	83
27	5	83
9	6	83
23	6	83
7	7	83
23	7	83
4	8	83
18	8	83
1	9	83
16	9	83

00YT09AH0012 TOTAL SAMPLES 27

NUMBER OF SAMPLES AT 12 DAY INTERVAL	2
NUMBER OF SAMPLES AT 13 DAY INTERVAL	6
NUMBER OF SAMPLES AT 14 DAY INTERVAL	11
NUMBER OF SAMPLES AT 15 DAY INTERVAL	6
NUMBER OF SAMPLES AT 16 DAY INTERVAL	2

AVERAGE SAMPLING INTERVAL= 14.00

NUMBER OF SIMULATED RECORDS= 0

SAMPLE DATES AFTER MORE THAN 10 DAYS

23	9	82
7	10	82
21	10	82
5	11	82
18	11	82
2	12	82
16	12	82
30	12	82
13	1	83
27	1	83
10	2	83
24	2	83
10	3	83
24	3	83
7	4	83
21	4	83
5	5	83
19	5	83
2	6	83
16	6	83
30	6	83
14	7	83
28	7	83
11	8	83
25	8	83
8	9	83
22	9	83

00YT09AC0001 TOTAL SAMPLES 27

NUMBER OF SAMPLES AT 13 DAY INTERVAL 1
NUMBER OF SAMPLES AT 14 DAY INTERVAL 25
NUMBER OF SAMPLES AT 15 DAY INTERVAL 1

AVERAGE SAMPLING INTERVAL= 14.00

NUMBER OF SIMULATED RECORDS= 0

SAMPLE DATES AFTER MORE THAN 10 DAYS

23	9	82
7	10	82
21	10	82
4	11	82
18	11	82
2	12	82
16	12	82
30	12	82
13	1	83
27	1	83
10	2	83
24	2	83
10	3	83
24	3	83
7	4	83
21	4	83
5	5	83
19	5	83
2	6	83
16	6	83
30	6	83
14	7	83
29	7	83
11	8	83
25	8	83
8	9	83
22	9	83

00YT09AB0008 TOTAL SAMPLES 27

NUMBER OF SAMPLES AT 13 DAY INTERVAL	1
NUMBER OF SAMPLES AT 14 DAY INTERVAL	25
NUMBER OF SAMPLES AT 15 DAY INTERVAL	1

AVERAGE SAMPLING INTERVAL= 14.00

NUMBER OF SIMULATED RECORDS= 0

Appendix 3 Listing of Fortran 77 program used to determine the optimum sampling frequency for future monitoring and the necessary subroutines.

isting of SAMPLING.STR at 07:30:34 on NOV 25, 1983 for CCid=WQBC

```
C-----------------------------------------------------------------------
C
C     THIS PROGRAM READS DATA FROM HOLD WHICH IS A SORTED MONITORING
C     DATA FILE. IT WAS DEVELOPED TO EXAMINE THE SAMPLING STRATEGY
C     USED IN THE YUKON WQ MONITORING.
C
C-----------------------------------------------------------------------
C
C  FORTRAN-77
C
C-----------------------------------------------------------------------
      CHARACTER*4 LABELS(50)
      DATA LABELS /'T-AF', 'T-WF', 'PH-F', 'SC-F', 'T-WL', 'PH-L',
     1     'SC-L', 'TURB', 'COLR', 'ALKP', 'ALKT', 'HARD', 'CA-D',
     2     'MG-D', 'K -D', 'NA-D', 'CL-D', 'F -D', 'SIO2', 'SO4 ',
     3     'NN-D', 'RNFL', 'R-FL', 'RFNF', 'R-FF', 'AS-X', 'SE-X',
     4     'CD-X', 'CU-X', 'ZN-X', 'FE-X', 'PB-X', 'MN-X', 'HG-X',
     5     'N-TD', 'P -T', 'CYAN', 'TIC ', 'TOC ', 'AA40', 'AA41',
     6     'AA42', 'AA43', 'CD-T', 'CU-T', 'FE-T', 'PB-T', 'MN-T',
     7     'HG-T', 'ZN-T'/
      CHARACTER*12 STAT, STATN, STA
      REAL*4 A(50), A1(50,180), B(180), Z(180), Y(180)
      INTEGER*4 IN(180)
C
C  READ IN THE FIRST RECORD and store the variable values
C
      READ (3,190) STAT, ID, IM, IY, IH, IMIN, LABEL, (A(I),I=1,50)
      INDEX = 1
      WRITE (6,230)
C
      DO 10 I = 1, 50
   10 A1(I,INDEX) = A(I)
C READ THE SECOND AND SUBSEQUENT RECORDS
   20 READ (3,190,END=100) STATN, ID, IM, IY, IH, IMIN, LABEL,
     1(A(I),I=1,50)
C IF THE STATION IS THE SAME INPUT MORE VALUES
      IF (STAT .EQ. STATN) THEN
        INDEX = INDEX + 1
C
        DO 30 I = 1, 50
   30   A1(I,INDEX) = A(I)
C
      ELSE
C WHEN THE STATION CHANGES ALL DATA HAS BEEN READ IN
C THEN FOR EACH VARIABLE
        DO 80 I = 1, 50
C WRITE OUT THE STATION NAME AND VARIABLE INDEX.
          WRITE (6,200) STAT, LABELS(I)
C
          DO 40 J = 1, INDEX
   40     B(J) = A1(I,J)
C GET THE MEAN AND STANDARD DEVIATION
          CALL AVERG(B, INDEX, XBAR, V, SD)
          WRITE (6,240) XBAR, SD
C COUNT HOW  MANY ZEROS OCCURRED
          CALL ZCOUNT(B, INDEX, ICOUNT)
          X100 = FLOAT(ICOUNT) * 100. / INDEX
          WRITE (6,180) ICOUNT, INDEX, X100
```

```
C IF THE ARRAY IS ALL ZEROS SKIP THE VARIABLE
           IF (SD .LE. 0.000001) GO TO 80
C CONVERT THE INPUT ARRAY TO STANDARD SCORES
           CALL ZSCORE(B, INDEX)
C CALCULATE THE REDUNDANCY OF THE STANDARDIZED ARRAY
           CALL REDUN(B, Y, IN, INDEX)
C DETERMINE THE AUTOCORRELATION FUNCTION OF THE ARRAY
           CALL ACF(B, INDEX, 0., Z)
C PRINT OUT THE FIRST TWELVE LAGS
           WRITE (6,210)
C
           DO 50 K = 1, 12
   50      WRITE (6,220) B(K), Y(K), Z(K), IN(K)
C
           NCOUNT = IN(1) - 2
C
           CALL DIFFER(Y, 12, 1, Y, ITOT, 60)
           AMAXZ = ARMAX(Z,12)
           AMAXY = ARMAX(Y,11)
C
           DO 60 K = 1, 12
             IF (AMAXZ .EQ. Z(K)) IZ = K
   60      IF (AMAXY .EQ. Y(K)) IY = K
C
           IY1 = IY + 1
           APROB = CORSIG(AMAXZ,NCOUNT)
           IF (APROB .LE. 0.05) THEN
C
             DO 70 K = 1, 12
               APR = CORSIG(Z(K),NCOUNT)
   70        IF (APR .LE. 0.05) WRITE (6,160) Z(K), APR, K
C
           ELSE
           END IF
           WRITE (6,170) IZ, AMAXZ, APROB, IY, IY1
   80    CONTINUE
C REASSIGN FLAGS TO THE NEXT STATIONS
         STAT = STATN
         INDEX = 1
C
         DO 90 I = 1, 50
   90    A1(I,INDEX) = A(I)
C
        END IF
        GO TO 20
  100 CONTINUE
C
C THEN NEXT SECTION HANDLES THE LAST STATION
C AFTER END OF FILE REACHED ON UNIT 3.
C
        DO 150 I = 1, 50
          WRITE (6,200) STAT, LABELS(I)
C
          DO 110 J = 1, INDEX
  110     B(J) = A1(I,J)
C
          CALL AVERG(B, INDEX, XBAR, V, SD)
          WRITE (6,240) XBAR, SD
```

sting of SAMPLING.STP at 07:30:34 on NOV 25, 1983 for CCid=W03C

```
            CALL ZCOUNT(B, INDEX, ICOUNT)
            X100 = FLOAT(ICOUNT) * 100. / INDEX
            WRITE (6,180) ICOUNT, INDEX, X100
            IF (SD .LE. 0.000001) GO TO 150
            CALL ZSCORE(B, INDEX)
            CALL REDUN(B, Y, IN, INDEX)
            CALL ACF(B, INDEX, 0., Z)
      C
            WRITE (6,210)
      C
            DO 120 K = 1, 12
        120 WRITE (6,220) B(K), Y(K), Z(K), IN(K)
      C
            NCOUNT = IN(1) - 2
      C
            CALL DIFFER(Y, 12, 1, Y, ITOT, 60)
            AMAXZ = ARMAX(Z, 12)
            AMAXY = ARMAX(Y, 11)
      C
            DO 130 K = 1, 12
              IF (AMAXZ .EQ. Z(K)) IZ = K
        130 IF (AMAXY .EQ. Y(K)) IY = K
      C
            IY1 = IY + 1
            APROB = CORSIG(AMAXZ,NCOUNT)
            WRITE (6,170) IZ, AMAXZ, APROB, IY, IY1
            IF (APROB .LE. 0.05) THEN
      C
              DO 140 K = 1, 12
                APR = CORSIG(Z(K),NCOUNT)
        140   IF (APR .LE. 0.05) WRITE (6,160) Z(K), APR, K
      C
            ELSE
            END IF
        150 CONTINUE
      C
            WRITE (6,230)
            STOP
        160 FORMAT (' ', '     R= ', F5.3, ' PROB= ', F5.3, ' AT LAG ', I3)
        170 FORMAT ('0', '   MAXIMUM COHERENCE AT ', I3, ' WEEK INTERVALS',
           1       ' RMAX= ', F10.4, ' PROBABILITY =', F5.3, ///, /
           2       '    MAXIMUM INCREASE IN REDUNDANCY FROM ', I3, ' - ', I3
           3       ' WEEK SAMPLING INTERVALS'///)
        180 FORMAT ('0', I8, ' ZEROS OUT OF ', I8, ' VALUES =', F8.1, '%'/)
        190 FORMAT (A12, 6I2, 10G16.7/10G16.7/10G16.7/10G16.7/10G16.7)
        200 FORMAT ('1', A12, '  PARAMETER  ', A4////)
        210 FORMAT ('0', '      VALUE      REDUND.    ACF        #OBSERV.'/)
        220 FORMAT (' ', 3F10.5, I8)
        230 FORMAT ('1')
        240 FORMAT ('0', '          MEAN=', F10.4, '   STANDARD DEVIATION=',
           1       F10.4)
            END
```

isting of LIB at 11:01:46 on NOV 23, 1983 for CCid=WQBC

```
      SUBROUTINE DIFFER(ARRIN, N, ISTEP, ARROT, ITOT,*)
C-------------------------------------------------------------
C
C
C   DIFFERENCE AN ARRAY
C
C-------------------------------------------------------------
      DIMENSION ARRIN(N), ARROT(N)
      ITOT = N - ISTEP
      IF (ITOT .LE. 0) GO TO 20
C
      DO 10 I = 1, ITOT
        J = ISTEP + I
   10 ARROT(I) = ARRIN(J) - ARRIN(I)
C
      RETURN
   20 WRITE (19,30) ITOT
      RETURN 1
   30 FORMAT ('0', 'ILLEGAL ARRAY LENGTH WOULD RESULT FROM DIFFER', I4,
     1        ' NCT PERFORMED')
      END
      SUBROUTINE AVERG(ARRIN, N, XB, VAR, SD)
C-------------------------------------------------------------
C
C
C CALCULATE THE AVERAGE VALUE OF AN ARRAY
C
C-------------------------------------------------------------
      DIMENSION ARRIN(N)
      XSUM = 0.
      X2SUM = 0.
C
      DO 10 I = 1, N
        XSUM = XSUM + ARRIN(I)
   10 X2SUM = X2SUM + ARRIN(I) ** 2
C
      XB = XSUM / N
      VAR = (X2SUM - (XSUM**2/N)) / (N - 1)
      SD = SQRT(VAR)
      RETURN
      END
      SUBROUTINE ACF(ARRAY, N, XBAR, BRRAY)
C-------------------------------------------------------------
C
C
C   AUTOCORRELATION FUNCTION OF AN ARRAY
C
C      CALL ACF(INARRAY,N,XBAR,DUMMY)
C
C       DUMMY MUST BE OF SAME LENGTH AS INARRAY
C
C  SEE BOX AND JENKINS PAGES 32-34 AND LIU 1979 (BMDQ2T FOR EXPLANATION
C
C-------------------------------------------------------------
      DIMENSION ARRAY(N), BRRAY(N)
      REAL*4 ACOR(50) /50*0.0/, STE(50) /50*0.0/, Q(50) /50*0.0/
      C0 = 0.0
      NCOUNT = N / 4
```

```
            IF (NCOUNT .GT. 50) NCOUNT = 50
      C-----------------------------------------------------------------
      C
      C     CALCULATE X(I)-XBAR AND CO
      C
      C-----------------------------------------------------------------
            DO 10 I = 1, N
              BRRAY(I) = ARRAY(I) - XBAR
         10 CO = CO + BRRAY(I) ** 2
      C
            CO = CO / N
      C-----------------------------------------------------------------
      C
      C
      C  CALCULATE THE AUTOCOVARIANCE FOR EACH LAG K AND THE AUTOCORRELATIO
      C
      C-----------------------------------------------------------------
            DO 30 I = 1, NCOUNT
              ICOUNT = N - I
      C
              DO 20 K = 1, ICOUNT
                KK = K + I
                ACOR(I) = ACOR(I) + BRRAY(K) * BRRAY(KK)
         20   CONTINUE
      C
              ACOR(I) = (ACOR(I)/N) / CO
         30 CONTINUE
      C-----------------------------------------------------------------
      C
      C
      C  CALCULATE THE STANDARD ERROR OF EACH LAG K
      C
      C
      C-----------------------------------------------------------------
            R2 = 0.0
            STE(1) = 1.0 / SQRT(FLOAT(N))
      C
            DO 40 I = 1, NCOUNT
              R2 = R2 + (ACOR(I)**2)
              J = I + 1
              STE(J) = (SQRT(1.0 + 2.0*R2)) / SQRT(FLOAT(N))
         40 CONTINUE
      C-----------------------------------------------------------------
      C
      C
      C   CALCULATE THE PORTMANTEAU LACK OF FIT Q(K)
      C
      C
      C-----------------------------------------------------------------
            DO 50 I = 1, NCOUNT
              SUM = SUM + (ACOR(I)**2/(N - I))
         50 Q(I) = SUM * N * (N + 2)
      C
            WRITE (19,70)
      C-----------------------------------------------------------------
      C
      C
      C   PRINT OUT THE RESULTS I,R(K),STE(K),Q(K)
```

```
      C
      C
      C----------------------------------------------------------------------
            DO 59 I=1,N
         59 BRRAY(I)=0.0
            DO 60 I = 1, NCOUNT
              BRRAY(I) = ACOR(I)
         60 WRITE (19,80) I, ACOR(I), STE(I), Q(I)
      C
            RETURN
         70 FORMAT ('0', T9, 'K', T25, 'R(K)', T43, 'STE(K)', T61, 'Q(K)', //)
         80 FORMAT (' ', T5, I5, T15, F16.7, T35, F16.7, T55, G16.7)
            END
            SUBROUTINE REDUN(X, Y, INDEX, N)
      C--------------------------------------------------------------
      C     CALCULATES REDUNDANCY WITHIN A DATA ARRAY
      C
      C     ARRAY OF X OF LENGTH N
      C
      C--------------------------------------------------------------
            DIMENSION X(N), Y(N), INDEX(N)
      C
            DO 20 J = 1, 12
              XSUM = 0.0
              IN = 0
      C
              DO 10 I = 13, N
                XSUM = XSUM + (X(I) - X(I - J)) ** 2
                IN = IN + 1
         10   CONTINUE
      C
              Y(J) = SQRT(XSUM/IN)
              WRITE (19,30) J, Y(J)
         20 INDEX(J) = IN
      C
            RETURN
         30 FORMAT (' ', I5, F13.5)
            END
            SUBROUTINE ZSCORE(ARRIN, N)
      C----------------------------------------------------------------
      C
      C   CHANGE THE INPUT ARRAY TO ZSCORE
      C   (INPUT-MEAN)/SD
      C
      C----------------------------------------------------------------
            DIMENSION ARRIN(N)
            CALL AVERG(ARRIN, N, XBAR, V, SD)
      C
            DO 10 I = 1, N
         10 ARRIN(I) = (ARRIN(I) - XBAR) / SD
      C
            RETURN
            END
            SUBROUTINE ZCOUNT(ARRIN, N, ICOUNT)
      C----------------------------------------------------------------
      C
      C DETERMINE HOW MANY ZEROS ARE PRESENT IN THE ARRAY
      C
```

```
      C---------------------------------------------------------
          DIMENSION ARRIN(N)
          ICOUNT = 0
      C
          DO 10 I = 1, N
       10 IF (ARRIN(I) .EQ. 0.) ICOUNT = ICOUNT + 1
      C
          WRITE (19,20) N, ICOUNT
          RETURN
       20 FORMAT (' ', 'NUMBER OF INPUT VALUES=', I8, ' NUMBER OF ZEROS =
         1      I8)
          END
          FUNCTION ARMAX(AIN, N)
      C---------------------------------------------------------
      C
      C    FIND THE MAXIMUM VALUE WITHIN AN ARRAY
      C
      C---------------------------------------------------------
          DIMENSION AIN(N)
          ARMAX = AIN(1)
      C
          DO 10 I = 2, N
       10 IF (AIN(I) .GT. ARMAX) ARMAX = AIN(I)
      C
          RETURN
          END
          FUNCTION CORSIG(R, N)
      C-------------------------------------------------------------
      C
      C   FUNCTION GIVES PROBABILITY OF R WITH N DEGREES OF FREEDOM
      C
      C-------------------------------------------------------------
          V = FLOAT(N)
          T = R / SQRT((1. - R**2)/V)
      C  MDTD IS AN IMSL LIBRARY ROUTINE WHICH
      C  GIVES THE PROBABILITY OF A T VALUE WITH V DEGREES OF FREEDOM
          CALL MDTD(T, V, CORSIG, IER)
       10 RETURN
          END
          FUNCTION ARMIN(AIN, N)
      C-------------------------------------------------------------
      C
      C  FIND THE MINIMUM OF AN ARRAY
      C
      C-------------------------------------------------------------
          DIMENSION AIN(N)
          ARMIN = AIN(1)
      C
          DO 10 I = 2, N
       10 IF (AIN(I) .GT. ARMIN) ARMIN = AIN(I)
      C
          RETURN
          END
```

Appendix 4 Detailed output from the program listed in Appendix 3 using the data from the thirteen data sets described in the text.

OOYTO9AHOOO1 PARAMETER SE-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0001

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.17700	1.62706	-0.02059	35
-0.17700	1.62706	-0.03313	35
-0.17700	1.15051	-0.00616	35
-0.17700	1.15051	-0.00847	35
0.57928	1.15051	-0.00652	35
0.57928	1.15051	-0.00416	35
-0.17700	1.15759	-0.00483	35
-0.17700	1.16462	-0.00571	35
-0.17700	1.16462	-0.00682	35
-0.17700	1.16462	-0.00611	35
-0.17700	1.16462	-0.00641	35
-0.17700	1.16462	0.0	35

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER AS-X

MEAN= 0.0005 STANDARD DEVIATION= 0.0007

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.19761	1.63556	-0.01517	35
-0.34503	1.60626	0.01124	35
-0.34503	1.07729	0.07838	35
-0.34503	1.15947	0.00348	35
-0.34503	1.17727	-0.00949	35
-0.34503	1.17119	-0.00333	35
-0.34503	1.16800	-0.00284	35
-0.34503	1.17251	-0.01194	35
-0.05018	1.19741	-0.03184	35
-0.19761	1.12329	0.03241	35
-0.19761	1.10124	0.04959	35
-0.19761	1.10321	0.0	35

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.0784 PROBABILITY =0.654

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER R-FF

MEAN= 63.7659 STANDARD DEVIATION= 11.9427

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.27080	1.34651	0.20537	35
-0.31533	1.58906	-0.11250	35
-0.56653	1.59852	-0.12159	35
0.10333	1.66102	-0.28950	35
0.43826	1.51593	-0.07905	35
0.01960	1.32673	0.09096	35
-0.98520	1.33898	0.04368	35
1.10812	1.50579	-0.15455	35
1.35932	1.42020	-0.03840	35
1.19186	1.44862	-0.06506	35
1.27559	1.47008	-0.10496	35
-0.48280	1.26461	0.0	35

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2054 PROBABILITY =0.237

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AH0001 PARAMETER RFNF

MEAN= 19.8255 STANDARD DEVIATION= 31.6426

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.05769	0.83604	0.73943	35
-0.08929	1.11524	0.52499	35
-0.27891	1.23834	0.41263	35
-0.34212	1.45172	0.19240	35
-0.37372	1.61898	-0.00971	35
-0.31052	1.64072	-0.03660	35
-0.27891	1.68633	-0.10080	35
-0.34212	1.70592	-0.12837	35
-0.40532	1.71599	-0.14243	35
-0.56334	1.71022	-0.13673	35
-0.56334	1.72542	-0.15938	35
-0.43693	1.71107	0.0	35

R= 0.739 PROB= 0.000 AT LAG 1
R= 0.525 PROB= 0.001 AT LAG 2
R= 0.413 PROB= 0.014 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7394 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO3AHO 01 PA AMETER R-FL

MEAN= 92.9276 STANDARD DEVIATION= 17.6845

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.61792	1.27521	0.30398	35
-0.90063	1.45066	0.08005	35
-1.18335	1.33228	0.13691	35
-0.73101	1.27217	0.12468	35
-0.78756	1.40402	-0.05431	35
-1.01375	1.25290	0.01222	35
0.90884	1.15183	-0.18651	35
-0.33519	1.33270	-0.06322	35
0.56956	1.25166	0.01476	35
1.30467	1.26774	0.04471	35
2.32251	1.39721	-0.03692	35
2.09632	1.26514	0.0	35

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3040 PROBABILITY =0.076

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER RNFL

MEAN= 22.2681 STANDARD DEVIATION= 33.0101

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.09900	0.81046	0.76760	35
-0.09900	1.09371	0.55920	35
-0.31106	1.22555	0.43764	35
-0.37165	1.43952	0.21756	35
-0.37165	1.60202	0.02413	35
-0.31106	1.62950	-0.01144	35
-0.28076	1.67544	-0.07369	35
-0.37165	1.69735	-0.10843	35
-0.43223	1.71405	-0.13466	35
-0.58370	1.71283	-0.13661	35
-0.58370	1.72335	-0.15369	35
-0.43223	1.71300	0.0	35

R= 0.768 PROB= 0.000 AT LAG 1
R= 0.559 PROB= 0.000 AT LAG 2
R= 0.438 PROB= 0.009 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7676 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER NN-D

MEAN= 0.0308 STANDARD DEVIATION= 0.0199

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.49053	0.55029	0.87137	35
-0.44024	0.55049	0.83076	35
-0.38996	0.57938	0.77305	35
-0.23911	0.62385	0.70831	35
0.06260	0.76650	0.58934	35
-0.03797	0.75655	0.56380	35
0.21345	0.85099	0.46862	35
0.71630	0.93186	0.38451	35
1.01801	1.01800	0.29878	35
1.26943	1.09259	0.24698	35
1.47057	1.18516	0.15603	35
0.96772	1.26263	0.0	35

R= 0.871 PROB= 0.000 AT LAG 1
R= 0.831 PROB= 0.000 AT LAG 2
R= 0.773 PROB= 0.000 AT LAG 3
R= 0.708 PROB= 0.000 AT LAG 4
R= 0.589 PROB= 0.000 AT LAG 5
R= 0.564 PROB= 0.000 AT LAG 6
R= 0.469 PROB= 0.005 AT LAG 7
R= 0.385 PROB= 0.023 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8714 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SO4

MEAN= 7.1361 STANDARD DEVIATION= 0.9008

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.40392	0.67394	0.78793	35
-0.26213	0.75220	0.68778	35
-0.37314	0.93387	0.52314	35
-0.04011	0.95346	0.48339	35
-0.26213	1.03321	0.39274	35
-0.48415	1.00908	0.40167	35
-0.04011	1.07037	0.35763	35
0.62594	1.10644	0.33243	35
1.73603	1.18258	0.23375	35
1.29200	1.27402	0.12678	35
0.95897	1.32999	0.04410	35
0.84796	1.38231	0.0	35

R= 0.788 PROB= 0.000 AT LAG 1
R= 0.688 PROB= 0.000 AT LAG 2
R= 0.523 PROB= 0.001 AT LAG 3
R= 0.483 PROB= 0.003 AT LAG 4
R= 0.393 PROB= 0.020 AT LAG 5
R= 0.402 PROB= 0.017 AT LAG 6
R= 0.358 PROB= 0.035 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7879 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER F -D

MEAN= 0.1049 STANDARD DEVIATION= 0.0188

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.79416	1.39343	0.16416	35
-0.26092	1.42799	0.13564	35
1.33879	1.62741	-0.07799	35
-0.79416	1.48379	0.07053	35
0.27232	1.52430	0.02165	35
0.27232	1.48379	0.04680	35
0.27232	1.57154	-0.04848	35
0.27232	1.66443	-0.16888	35
0.27232	1.45057	0.08621	35
0.80556	1.47280	0.04790	35
0.80556	1.53757	-0.02319	35
0.80556	1.70064	0.0	35

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1642 PROBABILITY =0.346

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SIO2

MEAN= 5.4511 STANDARD DEVIATION= 0.5665

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.08641	0.90460	0.37078	35
-0.09013	0.99819	0.25779	35
-0.26666	1.12445	0.08894	35
-3.79737	1.16872	0.02472	35
-0.26666	1.28034	-0.15680	35
-0.44320	1.22671	-0.14358	35
-0.26666	1.29829	-0.22104	35
-0.09013	1.32343	-0.16046	35
0.79255	1.52797	-0.17774	35
1.32216	1.35862	0.00904	35
1.49869	1.52709	-0.18267	35
0.43948	1.49914	0.0	35

R= 0.371 PROB= 0.028 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3708 PROBABILITY =0.028

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CL-D

MEAN= 0.8549 STANDARD DEVIATION= 0.5002

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.10975	1.05445	0.57606	35
-0.90950	1.16411	0.46962	35
-0.70956	1.23384	0.38666	35
-1.10944	1.29279	0.31561	35
-1.10944	1.31903	0.27156	35
-1.10944	1.35465	0.22551	35
-0.90950	1.51611	0.03761	35
-0.90950	1.44253	0.11634	35
-0.70956	1.53488	-0.02631	35
-0.90950	1.63400	-0.15329	35
-0.70956	1.66701	-0.22061	35
-1.10944	1.59810	0.0	35

R= 0.576 PROB= 0.000 AT LAG 1
R= 0.470 PROB= 0.004 AT LAG 2
R= 0.387 PROB= 0.022 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5761 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER NA-D

MEAN= 1.6298 STANDARD DEVIATION= 0.2368

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.54815	0.88307	0.67259	35
-1.39287	0.87437	0.64129	35
-0.97052	0.87728	0.59235	35
-1.39287	1.04193	0.43025	35
-0.97052	1.06132	0.36861	35
-0.97052	1.13331	0.28076	35
-0.54815	1.18820	0.22432	35
-0.12579	1.23242	0.19581	35
0.71893	1.31834	0.13830	35
0.29657	1.42962	0.02984	35
-0.12579	1.46832	0.00686	35
0.29657	1.57710	0.0	35

R= 0.673 PROB= 0.000 AT LAG 1
R= 0.641 PROB= 0.000 AT LAG 2
R= 0.592 PROB= 0.000 AT LAG 3
R= 0.430 PROB= 0.010 AT LAG 4
R= 0.369 PROB= 0.029 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6726 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER K -D

MEAN= 1.2234 STANDARD DEVIATION= 0.4909

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.04767	0.96292	0.63613	35
-0.65881	1.10832	0.49535	35
-1.26995	1.15443	0.43491	35
-1.06624	1.17832	0.39627	35
-1.26995	1.27545	0.28709	35
-1.06624	1.33451	0.22070	35
-1.06624	1.46778	0.06617	35
-0.86252	1.46009	0.07241	35
-0.86252	1.56513	-0.05952	35
-0.86252	1.58321	-0.09016	35
-1.06624	1.63950	-0.18609	35
-0.86252	1.63479	0.0	35

R= 0.636 PROB= 0.000 AT LAG 1
R= 0.495 PROB= 0.002 AT LAG 2
R= 0.435 PROB= 0.009 AT LAG 3
R= 0.396 PROB= 0.018 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6361 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER MG-D

MEAN= 4.5745 STANDARD DEVIATION= 1.0951

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
5.41081	0.65229	0.09135	35
-0.34193	0.65847	0.08664	35
-0.34193	0.62924	0.00055	35
-0.79850	0.59997	-0.11700	35
-1.43769	0.64161	-0.11124	35
-1.16375	0.63094	0.00788	35
-0.06799	0.66459	-0.16051	35
-1.43769	0.76864	0.01133	35
0.20595	0.78642	0.01099	35
0.20595	0.83205	0.07555	35
0.93646	0.86476	0.00517	35
0.47989	1.26273	0.0	35

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0913 PROBABILITY =0.602

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

00YT09AH0001 PARAMETER CA-D

MEAN= 19.0340 STANDARD DEVIATION= 2.6764

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-3.93583	0.69751	0.48300	35
-0.38633	0.75096	0.43745	35
-0.72259	0.84623	0.34217	35
-0.46105	0.86421	0.21343	35
0.21148	0.85353	0.21758	35
0.02467	0.93162	0.18397	35
-0.53578	0.86470	0.11511	35
0.69720	0.94829	0.03589	35
0.99611	1.01707	-0.01064	35
1.10820	0.97043	0.05812	35
0.88402	1.02518	0.07112	35
0.24884	1.29713	0.0	35

R= 0.483 PROB= 0.003 AT LAG 1
R= 0.437 PROB= 0.009 AT LAG 2
R= 0.342 PROB= 0.044 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMA.= 0.4830 PROBABILITY =0.003

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER HARD

MEAN= 66.3531 STANDARD DEVIATION= 6.1717

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.31646	0.73740	0.75764	35
-0.67293	0.91582	0.56979	35
-0.99699	0.96724	0.43692	35
-1.06180	1.01630	0.34232	35
-0.81875	0.99862	0.30893	35
-0.85116	0.96782	0.30326	35
-0.62432	1.03597	0.24243	35
-0.30026	1.11580	0.18990	35
1.20663	1.17098	0.17987	35
1.38486	1.21489	0.17143	35
1.61170	1.33431	0.07148	35
0.60711	1.41372	0.0	35

R= 0.758 PROB= 0.000 AT LAG 1
R= 0.570 PROB= 0.000 AT LAG 2
R= 0.437 PROB= 0.009 AT LAG 3
R= 0.342 PROB= 0.044 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7576 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER ALKT

MEAN= 60.7914 STANDARD DEVIATION= 5.6915

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.08634	0.81646	0.63284	35
-0.63101	1.02816	0.47243	35
-0.73643	1.18279	0.23292	35
-0.84186	1.13454	0.22773	35
-0.75400	1.09501	0.21650	35
-0.64858	1.03823	0.23273	35
-0.49045	1.06341	0.20412	35
-0.06877	1.13150	0.16717	35
1.31928	1.12075	0.19702	35
1.24900	1.23590	0.13093	35
2.63704	1.31166	0.06374	35
0.26507	1.38833	0.0	35

R= 0.633 PROB= 0.000 AT LAG 1
R= 0.472 PROB= 0.004 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6328 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

28 ZEROS OUT OF 28 VALUES = 100.0%

OOYTO9AHOOO1 PARAMETER COLR

MEAN= 12.7660 STANDARD DEVIATION= 4.3997

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.50778	0.97949	0.54639	35
0.50778	1.34466	0.25541	35
0.50778	1.37183	0.19174	35
0.50778	1.42461	0.09427	35
0.50778	1.45028	0.04078	35
0.50778	1.45028	0.03473	35
0.50778	1.48796	-0.01432	35
-0.62867	1.53676	-0.06570	35
0.50778	1.60718	-0.15532	35
-1.76512	1.56059	-0.07963	35
-0.62867	1.60718	-0.13005	35
-0.62867	1.69654	0.0	35

R= 0.546 PROB= 0.001 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5464 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER TURB

MEAN= 3.8596 STANDARD DEVIATION= 5.8403

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.48963	0.78564	0.77044	35
-0.58209	1.07606	0.55830	35
-0.48963	1.16661	0.47062	35
-0.48963	1.38017	0.25674	35
-0.48963	1.55118	0.06005	35
-0.31840	1.57191	0.03949	35
0.10966	1.56823	0.04686	35
-0.51873	1.64602	-0.05257	35
-0.30128	1.63613	-0.04282	35
-0.59750	1.62754	-0.04025	35
-0.55983	1.66554	-0.09569	35
-0.53243	1.66039	0.0	35

R= 0.770 PROB= 0.000 AT LAG 1
R= 0.558 PROB= 0.000 AT LAG 2
R= 0.471 PROB= 0.004 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7704 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SC-L

MEAN= 138.6488 STANDARD DEVIATION= 12.5961

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.02788	0.75997	0.74302	35
-0.52785	0.89318	0.58261	35
-0.84541	0.98902	0.44664	35
-0.76602	1.05602	0.33232	35
-1.24236	1.04330	0.30608	35
-0.92480	1.06022	0.27234	35
-0.76602	1.08341	0.26001	35
-0.36907	1.13446	0.24990	35
0.90116	1.20247	0.20629	35
1.13933	1.31667	0.11068	35
0.98055	1.40227	0.02279	35
0.34544	1.50626	0.0	35

R= 0.743 PROB= 0.000 AT LAG 1
R= 0.583 PROB= 0.000 AT LAG 2
R= 0.447 PROB= 0.007 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7430 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PH-L

MEAN= 7.7553 STANDARD DEVIATION= 0.2457

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.99606	0.85378	0.67451	35
0.99606	1.08127	0.48753	35
0.58904	1.16554	0.40778	35
0.99606	1.30538	0.24686	35
0.58904	1.32160	0.18538	35
0.58904	1.34644	0.14692	35
-0.22501	1.34468	0.15678	35
0.99606	1.29811	0.17781	35
0.58904	1.35345	0.12541	35
0.18201	1.49788	-0.03357	35
0.58904	1.56737	-0.12226	35
-0.22501	1.66404	0.0	35

R= 0.675 PROB= 0.000 AT LAG 1
R= 0.488 PROB= 0.003 AT LAG 2
R= 0.408 PROB= 0.015 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6745 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER T-WL

MEAN= 20.3403 STANDARD DEVIATION= 2.0099

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.67648	1.05698	0.32095	35
0.77599	1.34249	-0.10118	35
-0.21909	1.15841	-0.15642	35
-3.35359	1.24601	-0.21659	35
-1.26392	1.31752	-0.22653	35
-1.26392	1.26222	-0.14501	35
1.12427	1.22425	-0.08470	35
1.17402	1.16498	-0.02839	35
0.82574	1.22546	0.07943	35
0.57697	1.16677	0.14296	35
0.67648	1.18183	0.08481	35
0.62673	1.27701	0.0	35

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3209 PROBABILITY =0.060

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SC-F

MEAN= 130.8511 STANDARD DEVIATION= 21.5053

0 ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.03957	1.52722	-0.01898	35
-0.78358	1.40517	0.07035	35
-0.59758	1.34591	0.12544	35
-0.41157	1.42828	0.06469	35
0.19293	1.45064	0.05255	35
0.19293	1.45977	0.01914	35
-1.06258	1.38881	0.08896	35
-0.13257	1.54904	-0.09515	35
-0.13257	1.65880	-0.22667	35
1.35543	1.35611	0.07345	35
0.09993	1.42975	-0.01280	35
-0.13257	1.49502	0.0	35

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1254 PROBABILITY =0.473

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PH-F

MEAN= 9.4553 STANDARD DEVIATION= 0.8069

O ZEROS OUT OF 47 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-2.42306	1.15684	0.37742	35
-1.18382	1.34306	0.15729	35
-1.05989	1.45669	-0.05034	35
-0.56419	1.47063	-0.10996	35
-0.68812	1.46195	-0.16803	35
-0.31634	1.30041	-0.00066	35
-0.44027	1.13501	0.12051	35
-0.31634	1.01739	0.20638	35
-0.19242	1.24683	-0.05335	35
0.67506	1.36542	-0.14612	35
0.30328	1.30798	-0.10515	35
1.17075	1.59032	0.0	35

R= 0.377 PROB= 0.025 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3774 PROBABILITY =0.025

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER T-WF

MEAN= 4.4362 STANDARD DEVIATION= 5.5859

24 ZEROS OUT OF 47 VALUES = 51.1%

VALUE	REDUND.	ACF	#OBSERV.
0.27996	0.21926	0.96062	35
0.27996	0.33764	0.90056	35
-0.07808	0.44111	0.83553	35
-0.25711	0.55178	0.74188	35
-0.25711	0.64441	0.65100	35
-0.79417	0.72150	0.56387	35
-0.79417	0.81168	0.46491	35
-0.79417	0.90249	0.37573	35
-0.79417	0.98357	0.30228	35
-0.79417	1.07690	0.21096	35
-0.79417	1.17129	0.12175	35
-0.79417	1.25178	0.0	35

R= 0.961 PROB= 0.000 AT LAG 1
R= 0.901 PROB= 0.000 AT LAG 2
R= 0.836 PROB= 0.000 AT LAG 3
R= 0.742 PROB= 0.000 AT LAG 4
R= 0.651 PROB= 0.000 AT LAG 5
R= 0.564 PROB= 0.000 AT LAG 6
R= 0.465 PROB= 0.005 AT LAG 7
R= 0.376 PROB= 0.026 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9606 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER T-AF

MEAN= 0.6277 STANDARD DEVIATION= 17.7058

1 ZEROS OUT OF 47 VALUES = 2.1%

VALUE	REDUND.	ACF	#OBSERV
0.30342	0.65518	0.75882	35
0.52934	0.80282	0.65293	35
0.10575	0.83023	0.57054	35
-0.14841	0.94343	0.43942	35
-0.09193	0.90974	0.45162	35
-0.60024	0.92578	0.39011	35
-0.54376	0.89224	0.36135	35
-0.20489	0.88480	0.32967	35
-2.06868	0.91279	0.29392	35
-2.01221	1.02119	0.20779	35
-2.97235	1.12724	0.14545	35
-2.01221	1.25073	0.0	35

R= 0.759 PROB= 0.000 AT LAG 1
R= 0.653 PROB= 0.000 AT LAG 2
R= 0.571 PROB= 0.000 AT LAG 3
R= 0.439 PROB= 0.008 AT LAG 4
R= 0.452 PROB= 0.006 AT LAG 5
R= 0.390 PROB= 0.021 AT LAG 6
R= 0.361 PROB= 0.033 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7588 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AB0006 PARAMETER T-AF

MEAN= 5.5869 STANDARD DEVIATION= 13.7314

1 ZEROS OUT OF 61 VALUES = 1.6%

VALUE	REDUND.	ACF	#OBSERV.
1.04964	0.58436	0.83470	49
1.08606	0.75848	0.72813	49
0.94041	0.89104	0.62977	49
0.61269	1.01237	0.51843	49
0.86758	1.01343	0.49901	49
0.68552	1.07541	0.42607	49
0.68552	1.06010	0.41997	49
0.46704	1.08368	0.38805	49
0.32139	1.14990	0.32432	49
0.68552	1.19940	0.26834	49
0.10291	1.28991	0.17989	49
0.21215	1.37780	0.08396	49

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R= 0.835 PROB= 0.000 AT LAG 1
R= 0.728 PROB= 0.000 AT LAG 2
R= 0.630 PROB= 0.000 AT LAG 3
R= 0.518 PROB= 0.000 AT LAG 4
R= 0.499 PROB= 0.000 AT LAG 5
R= 0.426 PROB= 0.002 AT LAG 6
R= 0.420 PROB= 0.003 AT LAG 7
R= 0.388 PROB= 0.006 AT LAG 8
R= 0.324 PROB= 0.023 AT LAG 9
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MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8347 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-WF

MEAN= 6.5131 STANDARD DEVIATION= 6.0853

16 ZEROS OUT OF 61 VALUES = 26.2%

VALUE	REDUND.	ACF	#OBSERV.
-1.07031	0.32667	0.86847	49
1.39466	0.41189	0.81509	49
1.39466	0.46265	0.78454	49
1.06600	0.55541	0.70229	49
1.23033	0.64907	0.61718	49
1.23033	0.72813	0.53420	49
1.06600	0.81644	0.45948	49
0.90167	0.91558	0.41332	49
-0.24865	1.01092	0.31022	49
0.73734	1.08782	0.24451	49
0.49084	1.18848	0.15296	49
0.32651	1.28971	0.05168	49

R= 0.868 PROB= 0.000 AT LAG 1
R= 0.815 PROB= 0.000 AT LAG 2
R= 0.785 PROB= 0.000 AT LAG 3
R= 0.702 PROB= 0.000 AT LAG 4
R= 0.617 PROB= 0.000 AT LAG 5
R= 0.534 PROB= 0.000 AT LAG 6
R= 0.459 PROB= 0.001 AT LAG 7
R= 0.413 PROB= 0.003 AT LAG 8
R= 0.310 PROB= 0.030 AT LAG 9

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8685 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PH-F

MEAN= 8.0290 STANDARD DEVIATION= 1.0792

1 ZEROS OUT OF 61 VALUES = 1.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.30482	1.53833	0.04350	49
0.06582	1.60395	-0.04697	49
0.34380	1.55461	0.01386	49
0.43646	1.58037	-0.02250	49
0.34380	1.56626	-0.00872	49
0.43646	1.63468	-0.10058	49
0.43646	1.59626	-0.05113	49
0.34380	1.56096	-0.00876	49
0.34380	1.55164	0.00145	49
0.34380	1.56066	-0.01034	49
0.25114	1.55853	-0.00819	49
-0.02684	1.55723	-0.00780	49

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0435 PROBABILITY =0.767

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SC-F

MEAN= 57.3279 STANDARD DEVIATION= 13.3875

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
2.81398	0.77773	0.60721	49
0.19960	0.87800	0.51472	49
0.19960	1.01995	0.37142	49
-0.54737	1.03859	0.31018	49
-1.29433	1.03183	0.31905	49
-0.54737	0.98236	0.25128	49
-0.92085	1.04302	0.16877	49
-1.29433	1.05653	0.13295	49
-1.29433	1.10679	0.09555	49
-0.92085	1.15690	0.01460	49
-1.66781	1.15226	0.03586	49
-1.29433	1.35302	-0.05028	49

R= 0.607 PROB= 0.000 AT LAG 1
R= 0.515 PROB= 0.000 AT LAG 2
R= 0.371 PROB= 0.009 AT LAG 3
R= 0.310 PROB= 0.030 AT LAG 4
R= 0.319 PROB= 0.025 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6072 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-WL

MEAN= 20.7573 STANDARD DEVIATION= 1.6645

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.74661	1.28904	0.20171	49
[illegible]	[illegible]	[illegible]	49
2.06835	1.38084	0.01789	49
2.06835	1.32695	0.09032	49
0.86677	1.36544	-0.02336	49
-0.87553	1.27817	0.11811	49
0.38613	1.34722	0.04452	49
0.32606	1.47671	-0.13439	49
0.32606	1.26685	0.09022	49
0.44621	1.14160	0.25815	49
1.10709	1.35366	0.02398	49
-0.15458	1.48635	-0.12891	49

MAXIMUM COHERENCE AT 10 WEEK INTERVALS RMAX= 0.2582 PROBABILITY =0.073

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PH-L

MEAN= 7.6672 STANDARD DEVIATION= 0.2696

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.86353	0.90221	0.64621	49
0.86353	1.24473	0.33545	49
0.86353	1.31491	0.23862	49
0.86353	1.31491	0.23035	49
0.12182	1.43632	0.08140	49
0.49268	1.54278	-0.05242	49
0.12182	1.48153	0.00639	49
0.12182	1.44022	0.05103	49
-0.24903	1.45765	0.04374	49
0.12182	1.56177	-0.07884	49
-0.24903	1.60257	-0.12631	49
0.12182	1.59467	-0.11447	49

R= 0.646 PROB= 0.000 AT LAG 1
R= 0.335 PROB= 0.018 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6462 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO8ABOOO6 PARAMETER SC-L

MEAN= 94.4668 STANDARD DEVIATION= 6.0813

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.68517	1.21197	0.34949	49
-0.84961	1.49154	0.03433	49
-0.75095	1.40055	0.14106	49
-0.83317	1.37667	0.13633	49
-0.94828	1.36462	0.15529	49
-1.06338	1.41055	0.08697	49
-0.86606	1.43971	0.04630	49
-1.70469	1.62202	-0.19377	49
0.20279	1.55236	-0.09632	49
-0.22475	1.41275	0.07061	49
-0.91539	1.41869	0.05846	49
0.00547	1.48657	-0.01883	49

R= 0.349 PROB= 0.014 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3495 PROBABILITY =0.014

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TURB

MEAN= 0.8516 STANDARD DEVIATION= 1.2221

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.02321	1.25015	0.36307	49
0.01503	1.46566	0.11677	49
-0.47591	1.46096	0.12291	49
-0.47591	1.50640	0.06371	49
-0.24681	1.54733	0.01059	49
-0.41863	1.61362	-0.07799	49
-0.30408	1.59782	-0.05774	49
-0.14044	1.60139	-0.06625	49
-0.15680	1.61741	-0.08562	49
-0.06680	1.63685	-0.10792	49
-0.21408	1.64113	-0.11428	49
-0.07498	1.63397	-0.10736	49

R= 0.363 PROB= 0.010 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3631 PROBABILITY =0.010

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09AB0006 PARAMETER COLR

MEAN= 6.1475 STANDARD DEVIATION= 2.6447

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.43390	1.04601	0.54002	49
-0.43390	1.40337	0.17536	49
-0.43390	1.50374	0.05318	49
-0.43390	1.52780	0.00316	49
-0.43390	1.57482	-0.06043	49
-0.43390	1.62048	-0.12462	49
-0.43390	1.57482	-0.06785	49
-0.43390	1.52780	-0.01156	49
-0.43390	1.55149	-0.06092	49
-0.43390	1.64283	-0.18357	49
-0.43390	1.59781	-0.12724	49
-0.43390	1.50374	-0.01112	49

R= 0.540 PROB= 0.000 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5400 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

61 ZEROS OUT OF 61 VALUES = 100.0%

00YT09AB0006 PARAMETER ALKT

MEAN= 39.9491 STANDARD DEVIATION= 2.9777

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.15831	1.03357	0.53462	49
-0.65457	1.20760	0.29571	49
-0.65457	1.10171	0.38570	49
-1.22548	1.18050	0.28883	49
-0.95681	1.13548	0.29421	49
-0.95681	1.17171	0.24676	49
-0.92323	1.26740	0.14708	49
-0.65457	1.33828	0.06137	49
-0.48665	1.33027	0.07655	49
-0.38590	1.35404	0.05232	49
-0.95681	1.38433	0.00266	49
0.18501	1.37864	0.02570	49

R= 0.535 PROB= 0.000 AT LAG 1
R= 0.297 PROB= 0.038 AT LAG 2
R= 0.386 PROB= 0.006 AT LAG 3
R= 0.289 PROB= 0.044 AT LAG 4
R= 0.294 PROB= 0.040 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5346 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER HARD

MEAN= 44.8622 STANDARD DEVIATION= 3.1751

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.20857	0.98890	0.57471	49
-1.27940	1.13905	0.41266	49
-0.96445	1.10573	0.40552	49
-1.21641	1.20999	0.28935	49
-0.83847	1.06941	0.41009	49
-0.83847	1.18116	0.30127	49
-0.90146	1.22102	0.23453	49
-1.46837	1.26371	0.18849	49
-0.27155	1.34654	0.10193	49
-0.58651	1.34505	0.10435	49
-0.27155	1.36745	0.08693	49
-0.20857	1.40693	0.04213	49

R= 0.575 PROB= 0.000 AT LAG 1
R= 0.413 PROB= 0.003 AT LAG 2
R= 0.406 PROB= 0.004 AT LAG 3
R= 0.289 PROB= 0.044 AT LAG 4
R= 0.410 PROB= 0.003 AT LAG 5
R= 0.301 PROB= 0.035 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5747 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CA-D

MEAN= 13.2590 STANDARD DEVIATION= 1.6553

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.02479	1.30613	0.28975	49
-0.03562	1.41267	0.15568	49
-0.27726	1.30969	0.25529	49
0.26644	1.35403	0.18848	49
-0.39808	1.40049	0.12315	49
-0.21685	1.40038	0.11865	49
-0.09603	1.47291	0.03355	49
-0.15644	1.34507	0.18043	49
-0.15644	1.32692	0.19822	49
-0.27726	1.51935	-0.02529	49
-0.09603	1.44333	0.06607	49
-0.03562	1.49277	0.00570	49

R= 0.290 PROB= 0.043 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2897 PROBABILITY =0.043

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER MG-D

MEAN= 2.8607 STANDARD DEVIATION= 0.9533

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.16853	1.45233	0.07256	49
-1.00774	1.54980	-0.04441	49
-0.48323	1.49169	0.01308	49
-1.32245	1.51269	-0.01048	49
-0.27343	1.49582	-0.00356	49
-0.48323	1.54777	-0.06515	49
-0.58813	1.48490	-0.00315	49
-1.00774	1.59402	-0.13896	49
-0.06362	1.62817	-0.17306	49
-0.16853	1.63643	-0.18915	49
-0.16853	1.54370	-0.06354	49
-0.16853	1.53209	-0.05082	49

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0726 PROBABILITY =0.620

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER K -D

MEAN= 0.5902 STANDARD DEVIATION= 0.1060

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND	ACF	#OBSERV
0.09282	1.29263	0.15549	49
-0.85054	1.38750	0.12811	49
-0.85054	1.39403	0.04283	49
1.03618	1.40700	0.07051	49
-0.85054	1.49463	-0.04528	49
1.03618	1.41344	0.04110	49
-0.85054	1.48854	-0.02926	49
1.03618	1.56003	-0.12068	49
0.09282	1.40053	0.07292	49
0.09282	1.58887	-0.15001	49
0.09282	1.45147	0.02995	49
0.09282	1.48854	-0.01448	49

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1555 PROBABILITY =0.286

MAXIMUM INCREASE IN REDUNDANCY FROM 9 TO WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER NA-D

MEAN= 1.0426 STANDARD DEVIATION= 0.1245

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.34241	0.87411	0.33797	49
-0.34241	1.29346	0.15719	49
-0.34241	1.41039	-0.22904	49
0.46103	1.35319	0.03693	49
-2.75271	1.27293	-0.01300	49
-1.14584	1.22547	0.15410	49
-2.75271	1.08280	0.24483	49
1.26446	1.05194	0.36891	49
-1.14584	1.16485	0.24562	49
0.46103	1.31868	0.05381	49
-0.34241	1.30361	0.03633	49
0.46103	1.30865	0.03205	49

R= 0.338 PROB= 0.018 AT LAG 1

R= 0.369 PROB= 0.009 AT LAG 8

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.3689 PROBABILITY =0.009

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CL-D

MEAN= 0.2844 STANDARD DEVIATION= 0.2798

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.30172	0.49103	-0.04480	49
-0.30172	0.47757	0.04646	49
-0.30172	0.47208	-0.04451	49
-0.30172	0.46653	-0.00009	49
7.20329	0.42255	0.09597	49
-0.30172	0.49103	0.02699	49
0.41304	0.51436	0.02100	49
-0.30172	1.15579	0.00878	49
0.05566	1.17592	-0.01634	49
0.41304	0.86567	0.24118	49
0.05566	1.14674	0.01020	49
0.05566	1.14787	0.00935	49

MAXIMUM COHERENCE AT 10 WEEK INTERVALS RMAX= 0.2412 PROBABILITY =0.095

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER F -D

MEAN= 0.0868 STANDARD DEVIATION= 0.0165

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
1.34914	1.29567	0.27054	49
1.65282	1.37734	0.13909	49
0.80253	1.26999	0.22180	49
0.92400	1.37532	0.08854	49
0.37738	1.35780	0.10593	49
0.55959	1.43111	0.01803	49
0.43812	1.20793	0.25005	49
0.92400	1.09650	0.32461	49
0.74179	1.39890	-0.00524	49
0.49885	1.36402	0.01987	49
-0.41218	1.54847	-0.16650	49
-1.01953	1.58549	-0.17611	49

R= 0.325 PROB= 0.023 AT LAG 8

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.3246 PROBABILITY =0.023

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SIO2

MEAN= 3.0328 STANDARD DEVIATION= 0.2196

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.60459	0.98218	0.15774	49
-0.60459	1.05688	0.07923	49
-0.60459	1.04683	0.11943	49
3.94868	1.16903	-0.00884	49
-1.51524	1.13413	0.09478	49
-1.51524	1.16177	0.00895	49
-1.05992	1.18163	-0.01401	49
-1.51524	1.15629	0.08134	49
-0.60459	1.25794	0.11002	49
-1.05992	1.31227	0.04561	49
-1.05992	1.33939	0.00532	49
-0.14926	1.39054	-0.05049	49

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1577 PROBABILITY =0.279

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SO4

MEAN= 5.3983 STANDARD DEVIATION= 0.6927

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.86382	1.07821	0.30925	49
-0.71945	1.21754	0.24506	49
0.14678	1.43618	-0.00349	49
-0.71945	1.42995	0.00864	49
0.14678	1.42010	0.04443	49
0.14678	1.39395	0.14659	49
-0.57507	1.48138	-0.01220	49
-2.74065	1.43233	0.02531	49
0.72427	1.46666	-0.00132	49
-1.29693	1.37164	0.08493	49
0.00241	1.47447	-0.03528	49
0.00241	1.33916	0.11711	49

R= 0.309 PROB= 0.031 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3092 PROBABILITY =0.031

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9A30006 PARAMETER NN-D

MEAN= 0.0506 STANDARD DEVIATION= 0.2441

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.19513	1.56560	0.00372	49
-0.19922	1.56418	-0.00505	49
-0.19922	1.56469	-0.01021	49
-0.19922	1.55712	-0.00066	49
-0.19922	1.54623	0.01335	49
-0.18284	1.45111	0.13117	49
-0.19922	1.55995	-0.00565	49
-0.19922	1.12409	-0.00582	49
-0.19922	1.12356	-0.00635	49
-0.08044	1.12220	-0.00394	49
-0.19922	1.12242	-0.00681	49
-0.19922	1.12005	-0.00267	49

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.1312 PROBABILITY =0.369

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

COYTO9AB0006 PARAMETER RNFL

MEAN= 2.8197 STANDARD DEVIATION= 4.7557

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.38263	1.42455	0.16230	49
-0.38263	1.56865	-0.01272	49
0.03792	1.51659	0.05081	49
-0.38263	1.56865	-0.01411	49
-0.17235	1.59716	-0.05477	49
-0.38263	1.60589	-0.06482	49
-0.17235	1.59178	-0.05125	49
-0.38263	1.61569	-0.08049	49
-0.38263	1.60026	-0.06492	49
-0.38263	1.60617	-0.07287	49
0.03792	1.59235	-0.05392	49
-0.38263	1.60561	-0.07263	49

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1623 PROBABILITY =0.265

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER R-FL

MEAN= 65.5869 STANDARD DEVIATION= 13.6168

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.32410	1.18541	0.35930	49
-0.41029	1.41540	0.05155	49
-1.29156	1.43046	-0.04673	49
-1.21812	1.42021	-0.02954	49
-0.04310	1.46263	-0.07570	49
-0.48373	1.30720	0.08569	49
-1.14468	1.40552	-0.05389	49
-0.70405	1.38776	-0.02813	49
-0.48373	1.44333	-0.07514	49
-0.33685	1.41772	-0.03678	49
0.76473	1.45616	-0.09857	49
-0.92436	1.25698	0.12672	49

R= 0.359 PROB= 0.011 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3593 PROBABI'ITY =0.011

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER RFNF

MEAN= 2.0164 STANDARD DEVIATION= 4.3493

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.23369	1.49296	0.09496	49
-0.23369	1.58139	-0.02209	49
-0.23369	1.58684	-0.03169	49
-0.23369	1.58820	-0.03407	49
-0.23369	1.59430	-0.04368	49
-0.23369	1.59768	-0.04631	49
-0.23369	1.59430	-0.04514	49
-0.23369	1.60240	-0.05619	49
-0.23369	1.60173	-0.05701	49
-0.23369	1.60274	-0.05814	49
-0.23369	1.60240	-0.05919	49
-0.23369	1.59700	-0.04930	49

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0950 PROBABILITY =0.516

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER R-FF

MEAN= 45.3262 STANDARD DEVIATION= 7.9673

O ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.04505	1.51084	-0.15467	49
1.84175	1.40180	0.00583	49
-0.29197	1.42906	-0.01860	49
-1.04505	1.36992	-0.00334	49
-0.41748	1.53883	-0.19709	49
-0.79402	1.13003	0.27504	49
-0.91953	1.50273	-0.13602	49
-0.04094	1.28048	0.12161	49
0.58662	1.37635	0.05673	49
0.21008	1.43474	-0.10622	49
1.21418	1.39890	0.03025	49
-1.04505	1.28947	0.13898	49

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.2750 PROBABILITY =0.056

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER AS-X

MEAN= 0.0005 STANDARD DEVIATION= 0.0007

0 ZEROS OUT OF 61 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.03166	1.54134	0.02659	49
0.03166	1.61047	-0.06037	49
0.03166	1.58605	-0.02900	49
0.03166	1.59861	-0.04550	49
-0.10629	1.58593	-0.03289	49
-0.10629	1.11969	0.00592	49
-0.10629	1.11969	-0.00112	49
-0.10629	1.07780	0.03810	49
-0.24424	1.09673	0.01985	49
-0.24424	1.09815	0.01550	49
-0.10629	1.11778	-0.00042	49
-0.24424	1.09832	0.01904	49

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.0381 PROBABILITY =0.795

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SE-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0000

0 ZEROS OUT OF 61 VALUES = 0.0%

00YT09AB0006 PARAMETER CD-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0002

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.41260	0.39950	0.88649	49
-0.41260	0.56498	0.77110	49
-0.41260	0.69196	0.65767	49
-0.41260	0.79901	0.54345	49
-0.41260	0.89332	0.42971	49
-0.41260	0.97858	0.31641	49
-0.41260	1.05698	0.20234	49
-0.41260	1.12996	0.08905	49
-0.41260	1.19851	-0.02521	49
-0.41260	1.19851	-0.02812	49
-0.41260	1.19851	-0.03122	49
-0.41260	1.19851	-0.03373	49

R= 0.886 PROB= 0.000 AT LAG 1
R= 0.771 PROB= 0.000 AT LAG 2
R= 0.658 PROB= 0.000 AT LAG 3
R= 0.543 PROB= 0.000 AT LAG 4
R= 0.430 PROB= 0.002 AT LAG 5
R= 0.316 PROB= 0.027 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8865 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CU-X

MEAN= 0.0024 STANDARD DEVIATION= 0.0097

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.24779	1.30504	0.31864	49
-0.24779	1.38002	0.19664	49
-0.24779	1.42707	0.13222	49
-0.24779	1.40267	0.15686	49
-0.24779	1.28042	0.28027	49
-0.24779	1.49088	0.03786	49
-0.24779	1.15468	-0.00389	49
-0.24779	1.14049	-0.00695	49
-0.24779	1.14058	-0.00963	49
-0.24779	1.14058	-0.01070	49
-0.24779	1.14058	-0.01178	49
-0.24779	1.14058	-0.01284	49

R= 0.319 PROB= 0.026 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3186 PROBABILITY =0.026

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER ZN-X

MEAN= 0.0004 STANDARD DEVIATION= 0.0013

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.29428	1.15869	0.45446	49
-0.29428	1.24510	0.26041	49
-0.29428	1.27803	0.21160	49
-0.29428	1.28090	0.20638	49
-0.29428	1.04093	0.42214	49
-0.29428	1.28566	0.18296	49
-0.29428	1.15974	0.01760	49
-0.29428	1.15234	-0.01043	49
-0.29428	1.15425	-0.01315	49
-0.29428	1.15425	-0.01461	49
-0.29428	1.15425	-0.01607	49
-0.29428	1.15425	-0.01753	49

R= 0.454 PROB= 0.001 AT LAG 1
R= 0.422 PROB= 0.003 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4545 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

00YT09AB0006 PARAMETER FE-X

MEAN= 0.0114 STANDARD DEVIATION= 0.0315

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.36129	0.88387	0.68155	49
-0.36129	1.15363	0.41336	49
-0.36129	1.07098	0.36866	49
-0.36129	1.11243	0.32106	49
-0.36129	1.02946	0.38092	49
-0.36129	0.95613	0.42408	49
-0.36129	1.19911	0.19954	49
-0.36129	1.25333	0.04485	49
-0.36129	1.17770	-0.01980	49
-0.36129	1.17770	-0.02200	49
-0.36129	1.17770	-0.02420	49
-0.36129	1.17770	-0.02640	49

R= 0.682 PROB= 0.000 AT LAG 1
R= 0.413 PROB= 0.003 AT LAG 2
R= 0.369 PROB= 0.009 AT LAG 3
R= 0.321 PROB= 0.024 AT LAG 4
R= 0.381 PROB= 0.007 AT LAG 5
R= 0.424 PROB= 0.002 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6816 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PB-X

MEAN= 0.0006 STANDARD DEVIATION= 0.0018

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.31512	0.91833	0.66571	49
-0.31512	1.01996	0.55047	49
-0.31512	1.22556	0.35992	49
-0.31512	1.37470	0.18515	49
-0.31512	1.27721	0.21688	49
-0.31512	1.36346	0.07452	49
-0.31512	1.15043	0.01539	49
-0.31512	1.15843	-0.01035	49
-0.31512	1.16108	-0.01523	49
-0.31512	1.16108	-0.01692	49
-0.31512	1.16108	-0.01861	49
-0.31512	1.16108	-0.02030	49

R= 0.666 PROB= 0.000 AT LAG 1
R= 0.550 PROB= 0.000 AT LAG 2
R= 0.360 PROB= 0.011 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6657 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER MN-X

MEAN= 0.0015 STANDARD DEVIATION= 0.0036

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.41260	0.39950	0.89715	49
-0.41260	0.56498	0.78128	49
-0.41260	0.69196	0.66415	49
-0.41260	0.79901	0.54729	49
-0.41260	0.89331	0.43387	49
-0.41260	0.97858	0.31755	49
-0.41260	1.05698	0.20262	49
-0.41260	1.12996	0.08824	49
-0.41260	1.19851	-0.02579	49
-0.41260	1.19851	-0.02866	49
-0.41260	1.19851	-0.03152	49
-0.41260	1.19851	-0.03439	49

R= 0.897 PROB= 0.000 AT LAG 1
R= 0.781 PROB= 0.000 AT LAG 2
R= 0.664 PROB= 0.000 AT LAG 3
R= 0.547 PROB= 0.000 AT LAG 4
R= 0.434 PROB= 0.002 AT LAG 5
R= 0.318 PROB= 0.026 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8971 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER HG-X

MEAN= 0.0066 STANDARD DEVIATION= 0.0170

53 ZEROS OUT OF 61 VALUES = 86.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.38532	0.72698	0.74361	49
-0.38532	0.59357	0.75807	49
-0.38532	0.72698	0.62865	49
-0.38532	0.83944	0.49922	49
-0.38532	0.93852	0.36986	49
-0.38532	1.02810	0.24045	49
-0.38532	1.11047	0.11105	49
-0.38532	1.11047	0.10667	49
-0.38532	1.18715	-0.02270	49
-0.38532	1.18715	-0.02522	49
-0.38532	1.18715	-0.02775	49
-0.38532	1.18715	-0.03027	49

R= 0.744 PROB= 0.000 AT LAG 1
R= 0.758 PROB= 0.000 AT LAG 2
R= 0.629 PROB= 0.000 AT LAG 3
R= 0.499 PROB= 0.000 AT LAG 4
R= 0.370 PROB= 0.009 AT LAG 5

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.7581 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OCYTO9AB0006 PARAMETER N-TD

MEAN= 0.0598 STANDARD DEVIATION= 0.3116

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.19182	1.49793	0.09522	49
-0.19182	1.53661	0.03584	49
-0.19182	1.53475	0.03447	49
-0.19182	1.53622	0.03005	49
-0.19182	1.50979	0.06034	49
-0.19182	1.42940	0.15429	49
-0.19182	1.52112	0.04125	49
-0.19182	1.12511	-0.00127	49
-0.19182	1.12707	-0.00590	49
-0.19182	1.12707	-0.00655	49
-0.19182	1.12707	-0.00721	49
-0.19182	1.12707	-0.00786	49

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.1543 PROBABILITY =0.290

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER P -T

MEAN= 0.0010 STANDARD DEVIATION= 0.0025

52 ZEROS OUT OF 61 VALUES = 85.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.38038	0.73468	0.75902	49
-0.38038	0.84273	0.62348	49
-0.38038	0.74109	0.50137	49
-0.38038	0.80244	0.44957	49
-0.38038	0.88654	0.36991	49
-0.38038	0.85758	0.35824	49
-0.38038	1.06153	0.16269	49
-0.38038	1.15686	0.05346	49
-0.38038	1.18516	-0.02180	49
-0.38038	1.18516	-0.02422	49
-0.38038	1.18516	-0.02665	49
-0.38038	1.18516	-0.02907	49

R= 0.759 PROB= 0.000 AT LAG 1
R= 0.623 PROB= 0.000 AT LAG 2
R= 0.501 PROB= 0.000 AT LAG 3
R= 0.450 PROB= 0.001 AT LAG 4
R= 0.370 PROB= 0.009 AT LAG 5
R= 0.358 PROB= 0.011 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7590 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TIC

MEAN= 1.2070 STANDARD DEVIATION= 3.1382

53 ZEROS OUT OF 61 VALUES = 86.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.38463	0.72041	0.73745	49
-0.38463	0.82624	0.60808	49
-0.38463	0.90454	0.48451	49
-0.38463	1.00927	0.34610	49
-0.38463	0.80457	0.49392	49
-0.38463	0.90686	0.37093	49
-0.38463	1.01246	0.23867	49
-0.38463	1.10070	0.11448	49
-0.38463	1.18687	-0.02255	49
-0.38463	1.18687	-0.02506	49
-0.38463	1.18687	-0.02757	49
-0.38463	1.18687	-0.03007	49

R= 0.737 PROB= 0.000 AT LAG 1
R= 0.608 PROB= 0.000 AT LAG 2
R= 0.485 PROB= 0.000 AT LAG 3
R= 0.346 PROB= 0.015 AT LAG 4
R= 0.494 PROB= 0.000 AT LAG 5
R= 0.371 PROB= 0.009 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7375 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TOC

MEAN= 0.1830 STANDARD DEVIATION= 0.5233

53 ZEROS OUT OF 61 VALUES = 86.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.34960	0.95515	0.63867	49
-0.34960	0.98735	0.52641	49
-0.34960	1.17486	0.34383	49
-0.34960	1.19595	0.30310	49
-0.34960	1.15783	0.34017	49
-0.34960	1.15860	0.25680	49
-0.34960	1.13423	0.20637	49
-0.34960	1.27800	-0.00838	49
-0.34960	1.17330	-0.01871	49
-0.34960	1.17330	-0.02079	49
-0.34960	1.17330	-0.02287	49
-0.34960	1.17330	-0.02495	49

R= 0.639 PROB= 0.000 AT LAG 1
R= 0.526 PROB= 0.000 AT LAG 2
R= 0.344 PROB= 0.016 AT LAG 3
R= 0.303 PROB= 0.034 AT LAG 4
R= 0.340 PROB= 0.017 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6387 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AH0001 PARAMETER T-AF

MEAN= -1.7500 STANDARD DEVIATION= 20.7623

2 ZEROS OUT OF 52 VALUES = 3.8%

VALUE	REDUND.	ACF	#OBSERV.
0.56593	0.63807	0.84065	40
0.59001	0.74950	0.75904	40
0.46960	0.80017	0.71000	40
0.71042	0.87291	0.64370	40
0.27694	0.95766	0.56428	40
0.22878	1.00052	0.51366	40
0.46960	1.01685	0.48018	40
0.32511	1.14122	0.35376	40
0.03612	1.21134	0.28208	40
-0.39735	1.31836	0.16981	40
-0.30103	1.40539	0.07479	40
-0.20470	1.44995	0.01633	40

R= 0.841 PROB= 0.000 AT LAG 1
R= 0.759 PROB= 0.000 AT LAG 2
R= 0.710 PROB= 0.000 AT LAG 3
R= 0.644 PROB= 0.000 AT LAG 4
R= 0.564 PROB= 0.000 AT LAG 5
R= 0.514 PROB= 0.001 AT LAG 6
R= 0.480 PROB= 0.002 AT LAG 7
R= 0.354 PROB= 0.025 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8406 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER T-WF

MEAN= 5.1538 STANDARD DEVIATION= 6.1561

24 ZEROS OUT OF 52 VALUES = 46.2%

VALUE	REDUND.	ACF	#OBSERV.
0.94965	0.25844	0.94868	40
0.78721	0.38247	0.87769	40
0.62477	0.50183	0.80713	40
0.62477	0.60248	0.71747	40
0.62477	0.71467	0.60058	40
0.13745	0.83690	0.49718	40
0.46233	0.93447	0.38070	40
0.29989	1.03448	0.26451	40
-0.67475	1.13229	0.17001	40
-0.67475	1.22895	0.07447	40
-0.51231	1.30193	0.00428	40
-0.83719	1.38051	-0.06722	40

R= 0.949 PROB= 0.000 AT LAG 1
R= 0.878 PROB= 0.000 AT LAG 2
R= 0.807 PROB= 0.000 AT LAG 3
R= 0.717 PROB= 0.000 AT LAG 4
R= 0.601 PROB= 0.000 AT LAG 5
R= 0.497 PROB= 0.001 AT LAG 6
R= 0.381 PROB= 0.015 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9487 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PH-F

MEAN= 9.3730 STANDARD DEVIATION= 1.6928

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
0.90202	0.44677	0.33470	40
1.25646	0.56560	0.21819	40
0.54758	0.58187	0.12426	40
0.78387	0.54318	0.14684	40
0.96109	1.03440	0.11625	40
0.07500	1.07441	-0.00042	40
0.31129	1.14600	-0.04903	40
-5.53692	1.18256	0.02810	40
-0.63387	1.22979	-0.00272	40
0.01593	1.22613	-0.00711	40
-0.10222	1.31312	-0.07809	40
-0.33851	1.28475	-0.03986	40

R= 0.335 PROB= 0.035 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3347 PROBABILITY =0.035

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SC-F

MEAN= 139.6538 STANDARD DEVIATION= 42.8650

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.92509	1.40205	0.20320	40
-0.31853	1.46357	0.14000	40
-0.87843	1.57505	-0.01358	40
-0.17856	1.51754	0.06541	40
-0.45851	1.56085	-0.00393	40
-0.38852	1.59774	-0.04519	40
-0.69180	1.57716	-0.04061	40
0.19471	1.52011	-0.06620	40
-0.10857	1.36764	0.02706	40
-0.13190	1.53010	-0.15945	40
-0.17856	1.23724	0.14651	40
-0.03858	1.44458	-0.06311	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2032 PROBABILITY =0.209

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER T-WL

MEAN= 22.0172 STANDARD DEVIATION= 1.6187

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.73067	1.10819	0.46516	40
0.79245	1.34170	0.21368	40
-0.69019	1.29118	0.22940	40
-0.44308	1.23495	0.28190	40
-1.43150	1.29498	0.22365	40
-0.56663	1.34344	0.18494	40
-0.50486	1.30064	0.24663	40
-0.07242	1.49062	0.03335	40
-0.25774	1.56911	-0.05762	40
-0.01064	1.47560	0.01604	40
-0.19597	1.51194	-0.01893	40
-1.06084	1.52144	-0.02370	40

R= 0.465 PROB= 0.002 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4652 PROBABILITY =0.002

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PH-L

MEAN= 7.7621 STANDARD DEVIATION= 0.2148

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.28891	0.99112	0.54675	40
-0.28891	1.15840	0.41482	40
-0.28891	1.27366	0.29114	40
-1.22002	1.34651	0.18427	40
0.17665	1.51205	-0.02398	40
-0.75446	1.63333	-0.15904	40
-0.28891	1.57317	-0.10572	40
0.17665	1.65508	-0.20322	40
0.17665	1.64292	-0.16151	40
0.17665	1.69806	-0.24401	40
1.57332	1.62801	-0.14587	40
0.64220	1.63300	-0.14823	40

R= 0.547 PROB= 0.000 AT LAG 1
R= 0.415 PROB= 0.008 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5467 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SC-L

MEAN= 134.4404 STANDARD DEVIATION= 23.6939

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.60945	0.66954	0.82190	40
-0.60945	0.97234	0.61187	40
-0.48284	1.17287	0.42819	40
-0.60945	1.32203	0.26653	40
-0.65166	1.39740	0.17022	40
-0.48284	1.46107	0.08479	40
-0.35622	1.51521	0.01325	40
-0.56725	1.58059	-0.07751	40
-0.44063	1.62540	-0.14206	40
-0.44063	1.62286	-0.14440	40
-0.18740	1.63478	-0.15728	40
-0.22961	1.66958	-0.20812	40

R= 0.822 PROB= 0.000 AT LAG 1
R= 0.612 PROB= 0.000 AT LAG 2
R= 0.428 PROB= 0.006 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8219 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09AH0001 PARAMETER TURB

MEAN= 4.4325 STANDARD DEVIATION= 6.0500

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.25330	0.78724	0.74523	40
0.19298	0.99082	0.59776	40
0.15992	1.19604	0.41662	40
-0.18719	1.34874	0.25630	40
-0.38553	1.52114	0.05792	40
-0.31942	1.61418	-0.06058	40
-0.70950	1.69738	-0.17661	40
-0.36901	1.70754	-0.19328	40
-0.59215	1.65491	-0.12818	40
-0.53429	1.62777	-0.12277	40
-0.36901	1.53685	-0.04862	40
-0.61033	1.44138	-0.05383	40

R= 0.745 PROB= 0.000 AT LAG 1
R= 0.598 PROB= 0.000 AT LAG 2
R= 0.417 PROB= 0.007 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7452 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER COLR

MEAN= 12.8846 STANDARD DEVIATION= 10.0658

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.28658	0.83858	0.71174	40
-0.28658	1.06247	0.52822	40
0.21016	1.28095	0.31577	40
0.21016	1.49020	0.09404	40
0.21016	1.53304	0.04295	40
-0.28658	1.59999	-0.04527	40
0.21016	1.59999	-0.05605	40
0.21016	1.65681	-0.12497	40
0.21016	1.65867	-0.12177	40
-0.28658	1.64373	-0.09629	40
-0.78331	1.65495	-0.11785	40
-0.78331	1.58254	-0.03452	40

R= 0.712 PROB= 0.000 AT LAG 1
R= 0.528 PROB= 0.000 AT LAG 2
R= 0.316 PROB= 0.047 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7117 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

52 ZEROS OUT OF 52 VALUES = 100.0%

OOYTO9AHOOO1 PARAMETER ALKT

MEAN= 61.0845 STANDARD DEVIATION= 10.2461

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.71095	0.58645	0.86240	40
-0.91591	0.85569	0.68816	40
-0.91591	1.05883	0.51075	40
-0.91591	1.16860	0.39261	40
-0.91591	1.26584	0.28128	40
-0.71095	1.31290	0.21587	40
-0.71095	1.36479	0.14584	40
-0.71095	1.42279	0.07014	40
-0.59384	1.46926	0.00892	40
-0.71095	1.48390	-0.01222	40
-0.39864	1.49533	-0.02547	40
-0.39864	1.53521	-0.07971	40

R= 0.862 PROB= 0.000 AT LAG 1
R= 0.688 PROB= 0.000 AT LAG 2
R= 0.511 PROB= 0.001 AT LAG 3
R= 0.393 PROB= 0.012 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8624 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER HARD

MEAN= 68.8268 STANDARD DEVIATION= 11.9848

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.10363	0.59807	0.84706	40
-0.76988	0.88333	0.66339	40
-0.93675	1.08106	0.48341	40
-0.76988	1.19158	0.36874	40
-0.76988	1.27144	0.27104	40
-0.44447	1.31310	0.21439	40
-0.61134	1.36751	0.14113	40
-0.67809	1.44565	0.04047	40
-0.54459	1.49875	-0.03102	40
-0.40275	1.52206	-0.06159	40
-0.19415	1.52504	-0.06152	40
-0.44447	1.56827	-0.12055	40

R= 0.847 PROB= 0.000 AT LAG 1
R= 0.663 PROB= 0.000 AT LAG 2
R= 0.483 PROB= 0.002 AT LAG 3
R= 0.369 PROB= 0.019 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8471 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOY?09AH0001 PARAMETER CA-D

MEAN= 18.5901 STANDARD DEVIATION= 4.5177

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.99389	1.07624	0.54025	40
-0.99389	1.21631	0.40042	40
-0.63973	1.34132	0.26181	40
-0.63973	1.44166	0.14250	40
-0.81681	1.39945	0.17160	40
-0.63973	1.42632	0.12972	40
-0.37411	1.48431	0.05804	40
-0.10848	1.54616	-0.01700	40
-0.39624	1.53867	-0.01259	40
0.24568	1.56290	-0.03340	40
-0.26343	1.56744	-0.06906	40
-0.10848	1.49419	0.02360	40

R= 0.540 PROB= 0.000 AT LAG 1
R= 0.400 PROB= 0.010 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5403 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER MG-D

MEAN= 5.4838 STANDARD DEVIATION= 1.9012

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.25448	1.41843	0.18191	40
0.21890	1.49546	0.07251	40
-0.51746	1.44713	0.11934	40
-0.25448	1.45014	0.12361	40
-0.04409	1.50625	0.05218	40
0.21890	1.59808	-0.07926	40
-0.41227	1.52192	0.01122	40
-0.88564	1.48528	0.04896	40
-0.30707	1.47774	0.05546	40
0.00851	1.55591	-0.04670	40
0.06111	1.48214	-0.00634	40
-0.57006	1.43980	0.03581	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1819 PROBABILITY =0.261

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER K -D

MEAN= 0.8711 STANDARD DEVIATION= 0.4276

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.30130	1.24562	0.24821	40
1.00282	1.25436	0.19205	40
2.87353	1.26737	0.10111	40
1.00282	1.14617	0.24232	40
0.53514	1.31813	0.00740	40
-0.63405	1.41371	-0.10921	40
1.00282	1.26845	0.02972	40
-0.63405	1.49912	-0.21223	40
-0.63405	1.42814	-0.10710	40
-0.63405	1.46126	-0.04591	40
-0.63405	1.41853	0.02067	40
-0.40021	1.44242	-0.00600	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2482 PROBABILITY =0.123

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER NA-D

MEAN= 1.6231 STANDARD DEVIATION= 0.3507

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.92120	0.66871	0.80844	40
-0.92120	0.94138	0.61409	40
-0.35092	1.09509	0.48321	40
-0.06578	1.25590	0.33652	40
-0.63606	1.35252	0.22195	40
-0.63606	1.41567	0.14158	40
-0.63606	1.54804	-0.01706	40
-0.63606	1.60414	-0.10025	40
-0.92120	1.64356	-0.16266	40
-0.92120	1.61172	-0.13309	40
-0.63606	1.56826	-0.08196	40
-0.63606	1.56761	-0.09912	40

R= 0.808 PROB= 0.000 AT LAG 1
R= 0.614 PROB= 0.000 AT LAG 2
R= 0.483 PROB= 0.002 AT LAG 3
R= 0.337 PROB= 0.034 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8084 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CL-D

MEAN= 0.7923 STANDARD DEVIATION= 1.0779

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.27118	0.89874	0.67508	40
0.00714	1.18733	0.42006	40
0.84208	1.34766	0.26710	40
0.00714	1.51916	0.06331	40
-0.17840	1.65038	-0.12008	40
0.28545	1.63170	-0.09816	40
0.09991	1.66466	-0.14002	40
-0.45672	1.71872	-0.21948	40
-0.45672	1.71496	-0.21853	40
-0.45672	1.60979	-0.06562	40
-0.54949	1.61120	-0.06835	40
-0.54949	1.62774	-0.09320	40

R= 0.675 PROB= 0.000 AT LAG 1
R= 0.420 PROB= 0.007 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6751 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER F -D

MEAN= 0.5310 STANDARD DEVIATION= 0.5923

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.72764	0.50769	0.83188	40
-0.72764	0.70147	0.67060	40
-0.72764	0.89746	0.49251	40
-0.72764	0.96315	0.36594	40
-0.74452	1.03190	0.23217	40
-0.72764	1.13409	0.13231	40
-0.69387	1.18840	0.07104	40
1.88942	1.26096	0.02632	40
1.56862	1.26470	0.04374	40
1.39978	1.24298	0.08692	40
1.83877	1.22048	0.13357	40
1.83877	1.28510	0.09454	40

R= 0.832 PROB= 0.000 AT LAG 1
R= 0.671 PROB= 0.000 AT LAG 2
R= 0.493 PROB= 0.001 AT LAG 3
R= 0.366 PROB= 0.020 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8319 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SIO2

MEAN= 5.3961 STANDARD DEVIATION= 0.5955

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.33682	0.67113	0.78552	40
-1.16891	0.92734	0.58192	40
-1.00099	1.15055	0.36798	40
-0.83308	1.29223	0.21418	40
-1.00099	1.40186	0.07353	40
-0.83308	1.40337	0.05572	40
-0.66516	1.41113	0.03865	40
-0.83308	1.38745	0.05668	40
-0.83308	1.40337	0.02892	40
-0.66516	1.38542	0.04366	40
-0.32933	1.34933	0.07544	40
-0.32933	1.40988	0.01777	40

R= 0.786 PROB= 0.000 AT LAG 1
R= 0.582 PROB= 0.000 AT LAG 2
R= 0.368 PROB= 0.019 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7855 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SO4

MEAN= 7.4000 STANDARD DEVIATION= 1.4320

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.90780	0.60416	0.85320	40
-1.04747	0.82101	0.70384	40
-0.97763	0.95450	0.58402	40
-1.04747	1.08235	0.46518	40
-0.76814	1.20236	0.34469	40
-0.34914	1.28248	0.26602	40
-0.48881	1.30182	0.22886	40
-0.48881	1.35707	0.15749	40
-0.90780	1.42456	0.05490	40
-0.69830	1.49105	-0.03414	40
-0.62847	1.53683	-0.09692	40
-0.62847	1.57026	-0.14769	40

R= 0.853 PROB= 0.000 AT LAG 1
R= 0.704 PROB= 0.000 AT LAG 2
R= 0.584 PROB= 0.000 AT LAG 3
R= 0.465 PROB= 0.002 AT LAG 4
R= 0.345 PROB= 0.029 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8532 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER NN-D

MEAN= 0.0955 STANDARD DEVIATION= 0.0995

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.92932	1.45979	0.15740	40
-0.91927	1.40634	0.19571	40
-0.91927	1.44533	0.13653	40
-0.88912	1.56752	-0.03235	40
-0.86901	1.49478	0.03397	40
-0.78861	1.38094	0.14559	40
-0.74840	1.53907	-0.05155	40
-0.69815	1.31938	0.18262	40
-0.27601	1.27734	0.21921	40
-0.58759	1.54217	-0.09451	40
0.52806	1.38041	0.05797	40
0.52806	1.49807	-0.06126	40

MAXIMUM COHERENCE AT 9 WEEK INTERVALS RMAX= 0.2192 PROBABILITY =0.174

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER RNFL

MEAN= 8.6346 STANDARD DEVIATION= 18.5578

18 ZEROS OUT OF 52 VALUES = 34.6%

VALUE	REDUND.	ACF	#OBSERV.
0.39689	1.38592	0.23191	40
0.50466	1.59003	-0.01530	40
0.50466	1.63087	-0.07482	40
0.34300	1.64293	-0.09772	40
0.12746	1.65131	-0.09913	40
-0.03420	1.61798	-0.05666	40
0.23523	1.63556	-0.09151	40
0.72020	1.63882	-0.10079	40
-0.24974	1.59725	-0.04718	40
-0.14197	1.49261	0.07762	40
-0.35751	1.35854	-0.00108	40
-0.35751	1.34926	0.00863	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2319 PROBABILITY =0.150

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AH0001 PARAMETER R-FL

MEAN= 54.2173 STANDARD DEVIATION= 45.0973

19 ZEROS OUT OF 52 VALUES = 36.5%

VALUE	REDUND.	ACF	#OBSERV.
0.68258	0.83542	0.68529	40
0.34997	0.91438	0.60751	40
0.59389	0.97978	0.54146	40
0.77128	1.04074	0.47436	40
0.43867	1.09986	0.41000	40
0.81563	1.15978	0.33612	40
0.43867	1.20073	0.28682	40
0.12823	1.24340	0.22844	40
-0.09352	1.27978	0.18514	40
0.34997	1.16222	0.28998	40
0.61606	1.28220	0.14535	40
0.17258	1.20492	0.20901	40

R= 0.685 PROB= 0.000 AT LAG 1
R= 0.608 PROB= 0.000 AT LAG 2
R= 0.541 PROB= 0.000 AT LAG 3
R= 0.474 PROB= 0.002 AT LAG 4
R= 0.410 PROB= 0.009 AT LAG 5
R= 0.336 PROB= 0.034 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6853 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER RFNF

MEAN= 8.6346 STANDARD DEVIATION= 19.5288

19 ZEROS OUT OF 52 VALUES = 36.5%

VALUE	REDUND.	ACF	#OBSERV.
0.32595	1.15109	0.47281	40
0.42836	1.62491	-0.05163	40
0.42836	1.65665	-0.10026	40
0.22354	1.66486	-0.11285	40
-0.08370	1.67553	-0.11803	40
-0.13491	1.68059	-0.13098	40
-0.18612	1.67657	-0.13289	40
0.68439	1.67952	-0.14739	40
-0.33973	1.58148	-0.02290	40
-0.39094	1.41410	0.01894	40
-0.39094	1.35620	-0.03960	40
-0.39094	1.35549	-0.03598	40

R= 0.473 PROB= 0.002 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4728 PROBABILITY =0.002

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER R-FF

MEAN= 41.4231 STANDARD DEVIATION= 33.4918

19 ZEROS OUT OF 52 VALUES = 36.5%

VALUE	REDUND.	ACF	#OBSERV.
0.43524	0.78439	0.71805	40
-0.10221	1.03353	0.51676	40
0.85325	1.06949	0.45676	40
0.88311	1.11023	0.40598	40
0.70396	1.17876	0.32679	40
0.52481	1.25436	0.24885	40
0.52481	1.28217	0.20546	40
-0.16192	1.32123	0.16241	40
0.13666	1.25328	0.20524	40
-0.16192	1.24515	0.21165	40
0.94283	1.35847	0.07831	40
0.55467	1.31735	0.10365	40

R= 0.718 PROB= 0.000 AT LAG 1
R= 0.517 PROB= 0.001 AT LAG 2
R= 0.457 PROB= 0.003 AT LAG 3
R= 0.406 PROB= 0.009 AT LAG 4
R= 0.327 PROB= 0.040 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7181 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER AS-X

MEAN= 0.0004 STANDARD DEVIATION= 0.0002

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
0.88213	1.36443	0.23350	40
0.40924	1.39482	0.20814	40
0.88213	1.44599	0.12972	40
0.40924	1.70502	-0.21219	40
0.40924	1.57551	-0.04281	40
0.40924	1.70338	-0.23677	40
-0.53654	1.61925	-0.11492	40
0.40924	1.58082	-0.08076	40
-0.53654	1.62786	-0.14316	40
-0.53654	1.66856	-0.18637	40
-0.53654	1.68357	-0.20281	40
-0.53654	1.55227	-0.15442	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2335 PROBABILITY =0.147

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AH0001 PARAMETER SE-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0000

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
0.00003	1.59671	0.00458	40
0.00003	1.59671	0.00408	40
0.00003	1.59671	0.00254	40
0.00003	1.95556	-0.50416	40
0.00003	1.59671	-0.00084	40
0.00003	1.59671	-0.00464	40
0.00003	1.59671	-0.00225	40
0.00003	1.59671	-0.00158	40
0.00003	1.59671	-0.00281	40
0.00003	1.59671	-0.00366	40
0.00003	1.59671	-0.00398	40
0.00003	1.59671	-0.00303	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0046 PROBABILITY =0.978

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CD-X

MEAN= 0.0004 STANDARD DEVIATION= 0.0002

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
-2.44275	0.37373	0.80958	40
-2.44275	0.37373	0.67384	40
-2.44275	0.37373	0.53808	40
-2.44275	0.37373	0.39241	40
-2.44275	0.37373	0.26655	40
-2.44275	0.57763	0.13075	40
-2.44275	0.72639	-0.00494	40
0.34286	0.84949	-0.00723	40
0.34286	0.95688	-0.00956	40
0.34286	1.05338	-0.01188	40
0.34286	1.14176	-0.01419	40
0.34286	1.22376	-0.01648	40

R= 0.810 PROB= 0.000 AT LAG 1
R= 0.674 PROB= 0.000 AT LAG 2
R= 0.538 PROB= 0.000 AT LAG 3
R= 0.392 PROB= 0.012 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8096 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

DOYTOPAHS001 PARAMETER CU-X

MEAN= 0.0033 STANDARD DEVIATION= 0.0043

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.75763	1.44462	0.15812	40
-0.75763	1.46572	0.11472	40
-0.75763	1.49011	0.08866	40
-0.75763	1.10060	0.09953	40
-0.75763	1.20038	0.00084	40
-0.75763	1.14809	0.04043	40
-0.75763	1.13757	0.04071	40
-0.52656	1.01017	0.14423	40
-0.52656	1.10484	0.06261	40
0.85984	1.08902	0.09431	40
-0.06443	1.12043	0.07144	40
-0.52656	1.13051	0.04863	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1581 PROBABILITY =0.330

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER ZN-X

MEAN= 0.0056 STANDARD DEVIATION= 0.0111

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.50921	1.36772	0.24630	40
-0.50921	1.51315	0.08143	40
-0.50921	1.40132	0.21064	40
-0.50921	1.50122	-0.00589	40
-0.50921	1.55628	-0.08066	40
-0.50921	1.45557	0.03546	40
-0.50921	1.51166	-0.03407	40
-0.14784	1.50622	-0.02558	40
-0.41887	1.47832	0.00210	40
-0.41887	1.52183	-0.05183	40
0.75556	1.58305	-0.11677	40
0.03284	1.59897	-0.13744	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2463 PROBABILITY =0.126

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09AH0001 PARAMETER FE-X

MEAN= 0.3314 STANDARD DEVIATION= 0.5203

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.63699	1.08816	0.53179	40
-0.63699	1.22473	0.39628	40
-0.63699	1.36660	0.24685	40
-0.63699	1.35991	0.24063	40
-0.63699	1.58115	-0.02181	40
-0.63699	1.64087	-0.09934	40
-0.63699	1.70138	-0.18461	40
-0.23337	1.68715	-0.16448	40
-0.21415	1.68732	-0.16323	40
0.05493	1.63201	-0.08832	40
0.11259	1.69960	-0.17395	40
-0.25259	1.48931	-0.13125	40

R= 0.532 PROB= 0.000 AT LAG 1
R= 0.396 PROB= 0.011 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5318 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PB-X

MEAN= 0.0013 STANDARD DEVIATION= 0.0010

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
-1.25418	1.33491	0.20492	40
-1.25418	1.22027	0.29145	40
-1.25418	1.42341	0.05222	40
-1.25418	1.40616	0.01758	40
-1.25418	1.44046	-0.05155	40
-1.25418	1.39745	-0.02132	40
-1.25418	1.40616	-0.04868	40
-0.26604	1.26930	0.10349	40
-0.26604	1.44046	-0.07018	40
1.71026	1.44046	-0.01635	40
-0.26604	1.46566	-0.03856	40
-0.26604	1.28838	-0.05163	40

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2914 PROBABILITY =0.068

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER MN-X

MEAN= 0.0179 STANDARD DEVIATION= 0.0216

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND	ACF	#OBSERV.
-0.82673	1.12756	0.49533	40
-0.82673	1.18756	0.43246	40
-0.82673	1.31154	0.29617	40
-0.82673	1.30746	0.28958	40
-0.82673	1.53661	0.02255	40
-0.82673	1.52790	0.02561	40
-0.82673	1.54701	-0.00597	40
-0.36447	1.52089	0.02792	40
-0.36447	1.60464	-0.07864	40
-0.36447	1.59462	-0.06432	40
-0.36447	1.68105	-0.17807	40
-0.36447	1.51913	-0.15208	40

R= 0.495 PROB= 0.001 AT LAG 1
R= 0.432 PROB= 0.005 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4953 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER HG-X

MEAN= 0.0425 STANDARD DEVIATION= 0.0178

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
-2.38631	0.50221	0.77594	40
-2.38631	0.50221	0.63986	40
-2.38631	0.50221	0.50233	40
-2.38631	0.50221	0.36735	40
-2.38631	0.50221	0.22726	40
-2.38631	0.67027	0.09247	40
-2.38631	0.80393	-0.04300	40
0.42114	0.91834	-0.04581	40
0.42114	1.02000	-0.05138	40
0.42114	1.11240	-0.05458	40
0.42114	1.19770	-0.06029	40
0.42114	1.27731	-0.06326	40

R= 0.776 PROB= 0.000 AT LAG 1
R= 0.640 PROB= 0.000 AT LAG 2
R= 0.502 PROB= 0.001 AT LAG 3
R= 0.367 PROB= 0.020 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7759 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER N-TD

MEAN= 0.2130 STANDARD DEVIATION= 0.1695

8 ZEROS OUT OF 52 VALUES = 15.4%

VALUE	REDUND.	ACF	#OBSERV.
-1.25629	1.26494	0.35860	40
-1.25629	1.21615	0.37121	40
-1.25629	1.14447	0.40118	40
-1.25629	1.34136	0.17275	40
-1.25629	1.33488	0.13809	40
-1.25629	1.14850	0.29909	40
-1.25629	1.42734	-0.00385	40
-0.52486	1.46780	-0.05142	40
-0.58385	1.38379	0.03974	40
-0.60744	1.46816	-0.06021	40
0.25376	1.50096	-0.08229	40
0.23606	1.47356	-0.02998	40

R= 0.359 PROB= 0.023 AT LAG 1
R= 0.371 PROB= 0.018 AT LAG 2
R= 0.401 PROB= 0.010 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.4012 PROBABILITY =0.010

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER P -T

MEAN= 0.0244 STANDARD DEVIATION= 0.0338

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.72242	0.82627	0.72981	40
-0.72242	1.12687	0.49076	40
-0.72242	1.26668	0.35131	40
-0.72242	1.40454	0.19143	40
-0.72242	1.58345	-0.02617	40
-0.72242	1.63807	-0.09761	40
-0.72242	1.67341	-0.15482	40
-0.30863	1.69637	-0.18537	40
-0.27908	1.70956	-0.20009	40
-0.19041	1.70804	-0.19940	40
0.01649	1.73070	-0.23712	40
-0.27908	1.63577	-0.21811	40

R= 0.730 PROB= 0.000 AT LAG 1
R= 0.491 PROB= 0.001 AT LAG 2
R= 0.351 PROB= 0.026 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7298 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-AF

MEAN= 0.4038 STANDARD DEVIATION= 16.8004

5 ZEROS OUT OF 52 VALUES = 9.6%

VALUE	REDUND.	ACF	#OBSERV.
0.89856	0.60540	0.85265	40
0.83903	0.87022	0.67785	40
0.74975	0.98035	0.57953	40
0.57118	1.05444	0.50702	40
0.24381	1.08577	0.45713	40
0.33310	1.11867	0.41472	40
0.54142	1.15743	0.36182	40
0.33310	1.25489	0.24789	40
0.21405	1.29927	0.17688	40
-0.44069	1.37737	0.08583	40
-0.50022	1.46769	-0.02150	40
-0.44069	1.52084	-0.07513	40

R= 0.853 PROB= 0.000 AT LAG 1
R= 0.678 PROB= 0.000 AT LAG 2
R= 0.580 PROB= 0.000 AT LAG 3
R= 0.507 PROB= 0.001 AT LAG 4
R= 0.457 PROB= 0.003 AT LAG 5
R= 0.415 PROB= 0.008 AT LAG 6
R= 0.362 PROB= 0.022 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8526 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-WF

MEAN= 5.2750 STANDARD DEVIATION= 5.2771

5 ZEROS OUT OF 52 VALUES = 9.6%

VALUE	REDUND.	ACF	#OBSERV.
1.46388	0.76353	0.75656	40
1.17963	0.92717	0.60818	40
1.08488	1.06847	0.45638	40
0.89538	1.06312	0.42119	40
0.23214	0.97190	0.43388	40
0.42164	1.08598	0.29020	40
0.32689	1.10185	0.22721	40
0.23214	1.25852	0.05914	40
-0.24161	1.28273	-0.00638	40
-0.43111	1.31434	-0.05856	40
-0.71536	1.33628	-0.09009	40
-0.71536	1.34132	-0.06643	40

R= 0.757 PROB= 0.000 AT LAG 1
R= 0.608 PROB= 0.000 AT LAG 2
R= 0.456 PROB= 0.003 AT LAG 3
R= C.421 PROB= 0.007 AT LAG 4
R= 0.434 PROB= 0.005 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7566 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PH-F

MEAN= 6.5096 STANDARD DEVIATION= 2.6187

7 ZEROS OUT OF 52 VALUES = 13.5%

VALUE	REDUND.	ACF	#OBSERV.
0.56914	1.21112	0.36622	40
-0.11823	1.33417	0.18487	40
0.34002	1.42001	0.02659	40
0.37821	1.55783	-0.14037	40
0.41639	1.38989	0.05364	40
0.53095	1.38987	0.04155	40
0.18727	1.20951	0.22283	40
0.56914	1.10946	0.24585	40
0.45458	1.12742	0.22662	40
0.53095	1.21060	0.08635	40
0.53095	1.30357	-0.06515	40
0.53095	1.29376	-0.06021	40

R= 0.366 PROB= 0.020 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3662 PROBABILITY =0.020

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SC-F

MEAN= 46.1538 STANDARD DEVIATION= 28.2158

9 ZEROS OUT OF 52 VALUES = 17.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.04089	0.55227	0.45010	40
0.24264	0.69335	0.35140	40
0.13631	0.81099	0.25171	40
0.24264	1.14504	0.16751	40
0.13631	1.18641	0.11628	40
0.24264	1.24032	0.02853	40
0.27808	1.32620	-0.07140	40
0.20719	1.36273	-0.16137	40
4.74365	1.33812	-0.13448	40
0.13631	1.23944	-0.04435	40
0.06543	1.20390	-0.02021	40
0.10087	1.21009	-0.02684	40

R= 0.450 PROB= 0.004 AT LAG 1
R= 0.351 PROB= 0.026 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4501 PROBABILITY =0.004

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-WL

MEAN= 21.4749 STANDARD DEVIATION= 3.6494

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
0.71932	1.50482	0.08457	40
1.32215	1.57816	-0.02061	40
0.08908	1.71350	-0.21512	40
0.11648	1.63479	-0.10732	40
-0.59596	1.65634	-0.13312	40
0.03428	1.49431	0.06485	40
-0.10273	1.53771	0.01418	40
0.03428	1.51261	0.04182	40
-0.07533	1.60455	-0.06722	40
0.11648	1.64883	-0.13485	40
0.19868	1.59968	-0.05480	40
-0.32194	1.55867	0.00409	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0846 PROBABILITY =0.604

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

00YT09AB0006 PARAMETER PH-L

MEAN= 7.5024 STANDARD DEVIATION= 1.0820

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.27952	1.62216	-0.03568	40
-0.00226	1.60382	-0.01431	40
-0.27952	1.61431	-0.03415	40
-0.00226	1.58663	0.00024	40
0.18257	1.60478	-0.02241	40
0.09015	1.61615	-0.03408	40
0.18257	1.62008	-0.04163	40
0.18257	1.61314	-0.03326	40
0.09015	1.62335	-0.05061	40
0.18257	1.64653	-0.07923	40
0.09015	1.60556	-0.02671	40
0.27499	1.65699	-0.08920	40

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.0002 PROBABILITY =0.999

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SC-L

MEAN= 95.1843 STANDARD DEVIATION= 35.5396

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.21622	1.58456	0.01350	40
-0.14869	1.58642	0.01079	40
-0.13462	1.60735	-0.01663	40
-0.16839	1.63009	-0.04624	40
-0.10930	1.62859	-0.04500	40
-0.09523	1.85682	-0.35771	40
-0.06709	1.58939	0.00303	40
-0.06428	1.60988	-0.02319	40
-0.04177	1.60785	-0.02112	40
-0.07835	1.60073	-0.01300	40
-0.06428	1.58772	0.00402	40
0.00607	1.21595	-0.00869	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0135 PROBABILITY =0.934

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TURB

MEAN= 1.3567 STANDARD DEVIATION= 2.7993

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.30605	0.96358	0.63288	40
-0.09171	1.40624	0.22285	40
-0.34177	1.51587	0.09503	40
-0.16316	1.53081	0.07603	40
-0.37749	1.48397	0.13054	40
-0.30605	1.53081	0.06739	40
-0.23460	1.57794	0.01553	40
-0.37749	1.60479	-0.02134	40
-0.34892	1.62504	-0.04836	40
-0.29533	1.62376	-0.04740	40
-0.40250	1.62204	-0.04587	40
-0.35249	1.57282	-0.04597	40

R= 0.633 PROB= 0.000 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6329 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTGEAB0006 PARAMETER COLR

MEAN= 6.8077 STANDARD DEVIATION= 4.6190

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.39136	1.18680	0.41259	40
-0.39136	1.44585	0.14241	40
-0.39136	1.56419	-0.02429	40
-0.39136	1.61940	-0.11126	40
-0.39136	1.62662	-0.11408	40
0.69113	1.63560	-0.13299	40
0.69113	1.60851	-0.08275	40
0.69113	1.49525	0.05968	40
0.69113	1.49916	0.05986	40
-0.39136	1.52628	0.02471	40
0.69113	1.49133	0.07140	40
-0.39136	1.53775	-0.01608	40

R= 0.413 PROB= 0.008 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4126 PROBABILITY =0.008

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

52 ZEROS OUT OF 52 VALUES = 100.0%

OOYTO9ABOOO6 PARAMETER ALKT

MEAN= 39.6647 STANDARD DEVIATION= 6.2093

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.39694	1.51628	0.09593	40
-0.39694	1.52265	0.06792	40
-0.39694	1.58543	-0.02014	40
-0.39694	1.62395	-0.07095	40
-0.71904	1.67013	-0.12780	40
-0.39694	1.64727	-0.09899	40
0.13452	1.59756	-0.03587	40
0.24726	1.60397	-0.03590	40
0.27946	1.59368	-0.01952	40
-0.21979	1.58107	-0.00471	40
-0.47747	1.55914	0.02098	40
-0.15537	1.55645	0.01743	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0959 PROBABILITY =0.556

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER HARD

MEAN= 46.0788 STANDARD DEVIATION= 7.1868

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
0.21167	1.45738	0.14263	40
0.21167	1.49143	0.08998	40
-0.88756	1.49237	0.08405	40
-0.42839	1.56062	0.00638	40
-0.33099	1.58921	-0.04428	40
0.21167	1.59453	-0.05649	40
-0.34490	1.54011	0.01244	40
-0.05270	1.53577	0.02538	40
0.48996	1.54657	0.00998	40
0.48996	1.55531	0.01557	40
0.16993	1.53950	0.03469	40
0.48996	1.53318	0.03913	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1426 PROBABILITY =0.380

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

UCYT09AB0006 PARAMETER CA-D

MEAN= 13.1115 STANDARD DEVIATION= 2.1636

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.97589	1.48464	0.11362	40
-0.97589	1.51711	0.04421	40
-0.97589	1.57581	-0.05963	40
-0.97589	1.60687	-0.12401	40
-0.97589	1.45811	0.03369	40
-0.23640	1.54536	-0.07602	40
-0.23640	1.56433	-0.09836	40
0.45688	1.52425	-0.03149	40
0.82662	1.54145	-0.02731	40
0.45688	1.54556	-0.01427	40
0.13335	1.51507	0.03443	40
-0.23640	1.50938	0.04143	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1136 PROBABILITY =0.485

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER MG-D

MEAN= 3.2108 STANDARD DEVIATION= 0.9683

2 ZEROS OUT OF 52 VALUES = 3.8%

VALUE	REDUND.	ACF	#OBSERV.
1.74463	1.08506	0.37745	40
2.77742	1.16584	0.20706	40
-0.21767	1.02208	0.33616	40
0.60856	1.13588	0.24576	40
0.71184	1.31287	0.05007	40
0.71184	1.17989	0.14146	40
-0.32095	1.15231	0.17376	40
-0.73407	1.28811	0.08558	40
-0.21767	0.93202	0.28449	40
0.29872	1.13059	0.18079	40
0.19544	1.22575	0.13612	40
1.22823	1.20516	0.14324	40

R= 0.377 PROB= 0.016 AT LAG 1
R= 0.336 PROB= 0.034 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3775 PROBABILITY =0.016

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER K -D

MEAN= 0.6058 STANDARD DEVIATION= 0.1243

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.85071	1.47217	0.01565	40
0.75795	1.47765	0.01300	40
-0.85071	1.33988	0.17968	40
-0.85071	1.73910	-0.30421	40
-0.85071	1.42755	0.01126	40
-0.04638	1.35190	0.03692	40
0.75795	1.42187	-0.02519	40
-0.85071	1.33383	0.08648	40
-0.85071	1.22644	0.13889	40
-0.04638	1.38732	-0.00200	40
-0.85071	1.46666	-0.10441	40
-0.04638	1.44444	-0.07967	40

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1797 PROBABILITY =0.267

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER NA-D

MEAN= 1.0808 STANDARD DEVIATION= 0.0971

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.83166	1.61179	-0.05326	40
-0.83166	1.46533	0.09552	40
-0.83166	1.38153	0.18522	40
-0.83166	1.64435	-0.14984	40
-0.83166	1.26116	0.11398	40
-0.83166	1.26116	0.11771	40
0.19808	1.33270	0.05332	40
0.19808	1.41939	-0.02846	40
-0.83166	1.30252	0.08380	40
-0.83166	1.43794	-0.08613	40
-0.83166	1.23996	0.09829	40
-0.83166	1.39109	-0.06439	40

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1852 PROBABILITY =0.253

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CL-D

MEAN= 0.2365 STANDARD DEVIATION= 0.1048

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.34851	1.52313	0.05112	40
-0.34851	1.66578	-0.12673	40
0.60531	1.56001	0.02187	40
-0.34851	1.62430	-0.06975	40
-0.34851	1.19704	0.01434	40
-0.34851	1.25274	-0.04148	40
-0.34851	1.13861	0.07974	40
-0.34851	0.97738	0.18931	40
-0.34851	1.20650	-0.00710	40
0.60531	1.27077	-0.05981	40
-0.34851	1.28854	-0.07641	40
-0.34851	1.20650	-0.00411	40

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.1893 PROBABILITY =0.242

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER F -D

MEAN= 0.4000 STANDARD DEVIATION= 0.4661

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.68654	0.56146	0.82180	40
-0.66509	0.77841	0.65381	40
-0.66509	0.97808	0.45302	40
-0.68654	1.06787	0.29745	40
-0.70800	1.22238	0.15388	40
-0.66509	1.24714	0.11846	40
-0.66509	1.28506	0.07341	40
-0.75091	1.28671	0.06431	40
1.28741	1.28395	0.08005	40
1.22304	1.29036	0.08709	40
1.82381	1.35054	0.04691	40
2.14565	1.34969	0.07722	40

R= 0.822 PROB= 0.000 AT LAG 1
R= 0.654 PROB= 0.000 AT LAG 2
R= 0.453 PROB= 0.003 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8218 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SIO2

MEAN= 3.0519 STANDARD DEVIATION= 0.3045

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.82725	0.75420	0.71406	40
-0.82725	0.99873	0.55882	40
-0.82725	1.14581	0.41994	40
-0.82725	1.22869	0.22876	40
-0.49887	1.28656	0.17346	40
-0.82725	1.34496	0.08746	40
-0.49887	1.37665	0.05735	40
-0.82725	1.51820	-0.11584	40
-0.82725	1.57143	-0.18916	40
-0.82725	1.55764	-0.17910	40
-2.14077	1.55591	-0.20608	40
-0.17049	1.46581	-0.13917	40

R= 0.714 PROB= 0.000 AT LAG 1
R= 0.559 PROB= 0.000 AT LAG 2
R= 0.420 PROB= 0.007 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7141 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09AB0006 PARAMETER S04

MEAN= 5.3731 STANDARD DEVIATION= 0.7624

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.35814	0.76477	0.77703	40
-0.22698	1.04061	0.56890	40
-0.35814	1.14958	0.47095	40
-0.22698	1.27008	0.34444	40
0.29765	1.30581	0.30715	40
0.29765	1.40067	0.20601	40
0.03533	1.46388	0.13513	40
0.16649	1.46049	0.13410	40
0.16649	1.46593	0.12104	40
-0.09582	1.39837	0.05815	40
0.03533	1.33561	-0.01331	40
-0.09582	1.34443	-0.03077	40

R= 0.777 PROB= 0.000 AT LAG 1
R= 0.569 PROB= 0.000 AT LAG 2
R= 0.471 PROB= 0.002 AT LAG 3
R= 0.344 PROB= 0.030 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7770 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER NN-D

MEAN= 0.1569 STANDARD DEVIATION= 0.2877

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.53822	1.45667	0.14338	40
-0.49999	1.64198	-0.09634	40
-0.51737	1.60097	-0.04980	40
-0.53822	1.62271	-0.08507	40
-0.34012	1.47001	0.09715	40
0.87975	1.63113	-0.09328	40
-0.51389	1.57469	-0.01072	40
-0.51737	1.42837	0.15659	40
-0.51042	1.64630	-0.11172	40
-0.51042	1.60087	-0.11964	40
-0.42006	1.48574	-0.04522	40
-0.49652	1.18300	0.26618	40

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.2662 PROBABILITY =0.097

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER RNFL

MEAN= 1.4231 STANDARD DEVIATION= 3.3917

22 ZEROS OUT OF 52 VALUES = 42.3%

VALUE	REDUND.	ACF	#OBSERV.
0.17010	0.30212	0.25084	40
-0.12474	1.03403	0.20761	40
-0.12474	1.03613	0.35408	40
-0.12474	1.06304	0.04897	40
-0.12474	1.14379	0.00379	40
-0.12474	1.14474	-0.00268	40
-0.12474	1.14569	0.01155	40
2.52878	1.14664	0.01177	40
1.34944	1.14759	0.00057	40
0.17010	1.14853	0.03249	40
6.06681	1.14948	0.01569	40
0.75977	1.15137	0.01611	40

R= 0.354 PROB= 0.025 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.3541 PROBABILITY =0.025

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER R-FL

MEAN= 33.0577 STANDARD DEVIATION= 29.5253

22 ZEROS OUT OF 52 VALUES = 42.3%

VALUE	REDUND.	ACF	#OBSERV.
0.94639	0.30032	0.92221	40
1.45443	0.43529	0.85929	40
0.74317	0.56679	0.79521	40
0.84478	0.68251	0.71591	40
1.21734	0.74364	0.64767	40
0.87865	0.82195	0.57823	40
0.87865	0.86957	0.53579	40
0.57382	0.94385	0.45939	40
1.14960	0.97123	0.41744	40
0.13352	1.02690	0.36785	40
0.57382	1.07674	0.31815	40
0.60769	1.11884	0.26713	40

R= 0.922 PROB= 0.000 AT LAG 1
R= 0.859 PROB= 0.000 AT LAG 2
R= 0.795 PROB= 0.000 AT LAG 3
R= 0.716 PROB= 0.000 AT LAG 4
R= 0.648 PROB= 0.000 AT LAG 5
R= 0.578 PROB= 0.000 AT LAG 6
R= 0.536 PROB= 0.000 AT LAG 7
R= 0.459 PROB= 0.003 AT LAG 8
R= 0.417 PROB= 0.007 AT LAG 9
R= 0.368 PROB= 0.020 AT LAG 10
R= 0.318 PROB= 0.045 AT LAG 11

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9222 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER RFNF

MEAN= 1.1923 STANDARD DEVIATION= 3.0424

22 ZEROS OUT OF 52 VALUES - 42.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.06321	0.07350	0.15545	40
-0.06321	0.99151	0.17491	40
-0.06321	0.99288	0.41889	40
-0.06321	1.00638	0.06522	40
-0.06321	1.11098	0.04221	40
-0.06321	1.11220	0.03824	40
-0.06321	1.11341	0.03481	40
2.89495	1.11462	0.03437	40
0.92284	1.11583	0.03217	40
-0.06321	1.11704	0.02859	40
6.18178	1.11825	0.03275	40
0.26548	1.11946	0.02955	40

R= 0.419 PROB= 0.007 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.4189 PROBABILITY =0.007

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTOSABOOO6 PARAMETER R-FF

MEAN= 25.0577 STANDARD DEVIATION= 22.8914

22 ZEROS OUT OF 52 VALUES = 42.3%

VALUE	REDUND.	ACF	#OBSERV.
1.00222	0.34728	0.87197	40
1.43907	0.50256	0.77459	40
0.74012	0.60515	0.74856	40
-0.43936	0.69820	0.69781	40
1.08959	0.77255	0.63154	40
1.22065	0.86673	0.55379	40
0.56538	0.94061	0.46509	40
0.56538	0.96039	0.44691	40
0.56538	1.02104	0.40366	40
0.12853	1.08992	0.33488	40
1.08959	1.14195	0.27247	40
0.47801	1.21699	0.19170	40

R= 0.872 PROB= 0.000 AT LAG 1
R= 0.775 PROB= 0.000 AT LAG 2
R= 0.749 PROB= 0.000 AT LAG 3
R= 0.698 PROB= 0.000 AT LAG 4
R= 0.632 PROB= 0.000 AT LAG 5
R= 0.554 PROB= 0.000 AT LAG 6
R= 0.465 PROB= 0.002 AT LAG 7
R= 0.447 PROB= 0.004 AT LAG 8
R= 0.404 PROB= 0.010 AT LAG 9
R= 0.335 PROB= 0.035 AT LAG 10

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8720 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER AS-X

MEAN= 0 0005 STANDARD CEVIATION= 0.0002

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.24642	1.43255	0.14359	40
-0.28747	1.44493	0.14049	40
0.24642	1.46453	0.10827	40
0.24642	1.65632	-0.14542	40
-0.82135	1.63902	-0.10965	40
0.78030	1.83200	-0.38063	40
-0.28747	1.59941	-0.05424	40
0.24642	1.59941	-0.06740	40
0.24642	1.61272	-0.08062	40
-0.28747	1.58149	-0.04145	40
-0.82135	1.49582	0.05631	40
-0.82135	1.58375	-0.08189	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1436 PROBABILITY =0.377

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SE-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0001

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.22315	1.63690	-0.04894	40
-0.22315	1.18677	0.42878	40
-0.22315	1.61578	-0.04433	40
-0.22315	1.61578	-0.05028	40
-0.22315	1.61578	-0.05056	40
-0.22315	1.61578	-0.05685	40
-0.22315	1.61578	-0.05142	40
-0.22315	1.61578	-0.05266	40
-0.22315	1.61578	-0.05389	40
-0.22315	1.61578	-0.05410	40
-0.22315	1.61578	-0.05316	40
-0.22315	1.61578	-0.05685	40

R= 0.429 PROB= 0.006 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4288 PROBABILITY =0.006

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CD-X

MEAN= 0.0006 STANDARD DEVIATION= 0.0004

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.14381	1.61362	-0.02245	40
-0.14381	1.58349	0.02427	40
-0.14381	1.61306	-0.02242	40
-0.14381	1.61306	-0.02294	40
-0.14381	1.14100	-0.00302	40
-0.14381	1.14100	-0.00355	40
-0.14381	1.14100	-0.00385	40
-0.14381	1.14100	-0.00428	40
-0.14381	1.14100	-0.00471	40
-0.14381	1.14100	-0.00512	40
-0.14381	1.14100	-0.00550	40
-0.14381	1.14100	-0.00598	40

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.0243 PROBABILITY =0.882

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CU-X

MEAN= 0.0076 STANDARD DEVIATION= 0.0127

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.03183	1.08894	0.19684	40
-0.44105	1.22599	0.19647	40
-0.20461	1.19527	0.23715	40
-0.51987	1.29060	0.05484	40
0.03183	1.27364	0.23181	40
-0.44105	1.54573	-0.15287	40
2.55387	1.36361	0.08676	40
-0.51987	1.31745	0.09541	40
-0.44105	1.50150	-0.07291	40
1.76573	1.50010	-0.08503	40
-0.04698	1.53550	-0.10235	40
2.55387	1.53221	-0.10039	40

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.2371 PROBABILITY =0.141

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER ZN-X

MEAN= 0.0059 STANDARD DEVIATION= 0.0120

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.40396	1.32553	0.27750	40
-0.40396	1.63378	-0.08934	40
-0.40396	1.66223	-0.12725	40
-0.15488	1.60419	-0.05770	40
1.00752	1.42902	0.08726	40
-0.40396	1.47705	0.02143	40
-0.40396	1.51961	-0.02059	40
-0.40396	1.47828	0.03883	40
-0.40396	1.47921	0.03123	40
-0.32094	1.58864	-0.10227	40
-0.40396	1.59514	-0.11299	40
-0.15488	1.58201	-0.09678	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2775 PROBABILITY =0.083

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER FE-X

MEAN= 0.0924 STANDARD DEVIATION= 0.1389

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.47812	0.90262	0.67452	40
-0.47812	1.24857	0.36987	40
-0.08931	1.38632	0.22609	40
-0.30532	1.49047	0.10617	40
-0.16131	1.55709	0.02552	40
-0.16131	1.57972	-0.00114	40
0.27071	1.60777	-0.03327	40
-0.08931	1.64806	-0.08498	40
-0.01731	1.66625	-0.10714	40
0.05470	1.68845	-0.13533	40
-0.39892	1.69888	-0.15127	40
-0.44932	1.51991	-0.12723	40

R= 0.675 PROB= 0.000 AT LAG 1
R= 0.370 PROB= 0.019 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6745 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PB-X

MEAN= 0.0027 STANDARD DEVIATION= 0.0043

O ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.40097	1.35680	0.27734	40
-0.40097	1.53498	0.07142	40
-0.40097	1.58571	0.00068	40
-0.40097	1.59247	-0.01324	40
0.06238	1.58698	-0.00628	40
-0.16929	1.65121	-0.09337	40
-0.16929	1.63979	-0.07562	40
-0.40097	1.54543	0.03541	40
-0.40097	1.63570	-0.07925	40
0.06238	1.61464	-0.05174	40
-0.40097	1.66416	-0.11815	40
0.29405	1.62169	-0.06866	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2773 PROBABILITY =0.083

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER MN-X

MEAN= 0.0112 STANDARD DEVIATION= 0.0038

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.30482	0.83542	0.45625	40
2.33700	1.32091	C.05565	40
-0.30482	1.44698	-0.08440	40
-0.30482	1.44698	-0.08649	40
-0.30482	1.44698	0.04866	40
-0.30482	1.50607	-0.09171	40
2.33700	1.50607	-0.07739	40
-0.30482	1.50607	-0.07704	40
-0.30482	1.50607	-0.08111	40
-0.30482	1.50607	-0.08239	40
-0.30482	1.56292	-0.08551	40
-0.30482	1.50607	-0.07058	40

R= 0.456 PROB= 0.003 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4562 PROBABILITY =0.003

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER HG-X

MEAN= 0.0490 STANDARD DEVIATION= 0.0069

1 ZEROS OUT OF 52 VALUES = 1.9%

VALUE	REDUND.	ACF	#OBSERV.
0.13868	1.61168	-0.01103	40
0.13868	1.61168	-0.01927	40
0.13868	1.61168	-0.02240	40
0.13868	1.61168	-0.02282	40
0.13868	1.61168	-0.02054	40
0.13868	1.61168	-0.02367	40
0.13868	1.61168	-0.02377	40
0.13868	1.61168	-0.02414	40
0.13868	1.61168	-0.02460	40
0.13868	1.61168	-0.02500	40
0.13868	1.61168	-0.02544	40
0.13868	1.61168	-0.02552	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= -0.0110 PROBABILITY =0.946

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER N-TD

MEAN= 0.2505 STANDARD DEVIATION= 0.3115

0 ZEROS OUT OF 52 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.62105	1.41955	0.17083	40
-0.56968	1.64219	-0.10774	40
-0.51190	1.57262	-0.02061	40
-0.64031	1.61331	-0.07885	40
-0.42202	1.48273	0.07483	40
0.73684	1.65678	-0.13532	40
-0.58573	1.56411	-0.00839	40
-0.56968	1.42604	0.14625	40
-0.52153	1.64361	-0.12265	40
-0.41239	1.59332	-0.13840	40
-0.39634	1.44950	-0.04605	40
-0.54721	1.08691	0.30938	40

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.3094 PROBABILITY =0.052

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER P -T

MEAN= 0.0081 STANDARD DEVIATION= 0.0089

2 ZEROS OUT OF 52 VALUES = 3.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.46323	1.06903	0.53701	40
-0.35067	1.47364	0.10707	40
-0.35067	1.55429	0.00745	40
-0.01298	1.53687	0.02938	40
-0.23811	1.49572	0.08028	40
-0.23811	1.57081	-0.01367	40
-0.23811	1.62912	-0.09159	40
-0.23811	1.58616	-0.03148	40
-0.35067	1.57866	-0.03085	40
0.09958	1.47310	0.09425	40
-0.57579	1.48691	0.07174	40
-0.01298	1.49562	-0.05578	40

R= 0.537 PROB= 0.000 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5370 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TIC

MEAN= 0.3885 STANDARD DEVIATION= 1.9613

50 ZEROS OUT OF 52 VALUES = 96.2%

VALUE	REDUND.	ACF	#OBSERV.
4.95169	0.0	0.50976	40
4.95169	0.0	0.00056	40
-0.19807	0.0	-0.00216	40
-0.19807	0.0	-0.00250	40
-0.19807	0.0	-0.00227	40
-0.19807	0.0	-0.00488	40
-0.19807	0.0	-0.00718	40
-0.19807	0.0	-0.00677	40
-0.19807	0.0	-0.00753	40
-0.19807	0.0	-0.00584	40
-0.19807	0.81425	-0.00705	40
-0.19807	1.15152	-0.01032	40

R= 0.510 PROB= 0.001 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5098 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TOC

MEAN= 0.0053 STANDARD DEVIATION= 0.0314

50 ZEROS OUT OF 52 VALUES = 96.2%

VALUE	REDUND.	ACF	#OBSERV.
1.64745	0.0	0.23601	40
6.84425	0.0	-0.00112	40
-0.16983	0.0	-0.00174	40
-0.16983	0.0	-0.00231	40
-0.16983	0.0	-0.00287	40
-0.16983	0.0	-0.00349	40
-0.16983	0.0	-0.00410	40
-0.16983	0.0	-0.00466	40
-0.16983	0.0	-0.00524	40
-0.16983	0.0	-0.00577	40
-0.16983	1.10902	-0.00636	40
-0.16983	1.14564	-0.00699	40

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2360 PROBABILITY =0.143

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTOBAHOOO' PARAMETER T-AF

MEAN= -0.9825 STANDARD DEVIATION= 17.3071

0 ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.40344	0.50327	0.88570	45
0.31678	0.53026	0.84733	45
0.75012	0.56231	0.80771	45
0.51900	0.62664	0.74576	45
0.49011	0.68750	0.67809	45
0.63456	0.77299	0.60155	45
-0.00101	0.86464	0.54743	45
-0.40547	0.91371	0.50647	45
-1.04105	1.01830	0.41865	45
-0.80993	1.10226	0.35412	45
-0.98327	1.17227	0.28257	45
-1.56107	1.27144	0.18715	45

R= 0.886 PROB= 0.000 AT LAG 1
R= 0.847 PROB= 0.000 AT LAG 2
R= 0.808 PROB= 0.000 AT LAG 3
R= 0.746 PROB= 0.000 AT LAG 4
R= 0.678 PROB= 0.000 AT LAG 5
R= 0.602 PROB= 0.000 AT LAG 6
R= 0.547 PROB= 0.000 AT LAG 7
R= 0.506 PROB= 0.000 AT LAG 8
R= 0.419 PROB= 0.004 AT LAG 9
R= 0.354 PROB= 0.017 AT LAG 10

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8857 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER T-WF

MEAN= 5.8509 STANDARD DEVIATION= 6.6668

14 ZEROS OUT OF 57 VALUES = 24.6%

VALUE	REDUND.	ACF	#OBSERV.
0.77235	0.45069	0.91603	45
0.92235	0.47262	0.88028	45
1.14735	0.52141	0.82373	45
0.69736	0.62369	0.74346	45
0.54736	0.70559	0.65076	45
0.17237	0.78810	0.57438	45
0.17237	0.89420	0.47644	45
-0.80262	0.96227	0.40550	45
-0.95261	1.06182	0.31589	45
-0.87762	1.14720	0.24830	45
-0.87762	1.22058	0.17878	45
-0.95261	1.30377	0.09435	45

R= 0.916 PROB= 0.000 AT LAG 1
R= 0.880 PROB= 0.000 AT LAG 2
R= 0.824 PROB= 0.000 AT LAG 3
R= 0.743 PROB= 0.000 AT LAG 4
R= 0.651 PROB= 0.000 AT LAG 5
R= 0.574 PROB= 0.000 AT LAG 6
R= 0.476 PROB= 0.001 AT LAG 7
R= 0.405 PROB= 0.006 AT LAG 8
R= 0.316 PROB= 0.035 AT LAG 9

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9160 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PH-F

MEAN= 8.4929 STANDARD DEVIATION= 0.5535

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
1.63877	0.58760	0.54999	45
-0.89059	0.75890	0.25583	45
-0.52925	1.08434	0.00745	45
-0.16792	1.14803	0.04791	45
-1.07126	1.17086	0.09782	45
0.01275	1.13276	0.11448	45
-0.89059	1.09896	0.18913	45
0.91610	1.01810	0.27578	45
1.63877	1.04274	0.31215	45
1.81944	1.03366	0.17545	45
-2.33594	1.03120	0.13668	45
-2.51661	1.21465	0.06435	45

R= 0.550 PROB= 0.000 AT LAG 1
R= 0.312 PROB= 0.037 AT LAG 9

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5500 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SC-F

MEAN= 136.1228 STANDARD DEVIATION= 66.2709

5 ZEROS OUT OF 57 VALUES = 8.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.39418	1.40068	0.13724	45
-0.24329	1.59822	-0.08932	45
0.05851	1.36681	0.16929	45
-0.24329	1.38642	0.14999	45
-0.09239	1.60730	-0.10910	45
-2.05403	1.50794	-0.02337	45
0.05851	1.19872	0.34065	45
-0.40927	1.51478	-0.00657	45
-0.42436	1.51005	0.00051	45
-0.09239	1.41723	0.10245	45
0.02833	1.50499	-0.00499	45
0.66209	1.52421	-0.02628	45

R= 0.341 PROB= 0.022 AT LAG 7

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.3407 PROBABILITY =0.022

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

00YT09AH0001 PARAMETER T-WL

MEAN= 21.5245 STANDARD DEVIATION= 1.6119

0 ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.01519	0.89608	0.32328	45
0.23296	1.10229	0.30147	45
-0.26335	1.17176	0.16226	45
0.23296	1.22873	0.09587	45
0.29500	1.20515	0.20264	45
0.72928	1.30056	0.07472	45
1.03948	1.26927	0.13982	45
-2.12453	1.31612	0.04165	45
0.48112	1.41798	-0.06649	45
-3.11717	1.38703	-0.03135	45
-0.13927	1.32328	0.01247	45
0.10888	1.34431	-0.01694	45

R= 0.323 PROB= 0.030 AT LAG 1
R= 0.301 PROB= 0.044 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3233 PROBABILITY =0.030

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PH-L

MEAN= 7.8340 STANDARD DEVIATION= 0.1622

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.71537	1.52511	0.02159	45
-0.51794	1.47726	0.07215	45
-0.20961	1.41443	0.13041	45
-0.08628	1.37120	0.18999	45
0.34538	1.42496	0.12375	45
0.40704	1.34504	0.20664	45
0.40704	1.57335	-0.07153	45
0.28371	1.25858	0.21111	45
-0.20961	1.36128	0.10635	45
0.40704	1.41500	0.04590	45
0.40704	1.47164	-0.00871	45
0.71537	1.23909	0.23312	45

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.2331 PROBABILITY =0.123

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SC-L

MEAN= 134.1631 STANDARD DEVIATION= 14.1654

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.69166	0.71607	0.72334	45
-1.67755	0.80908	0.65268	45
-1.69872	0.89132	0.52595	45
-1.70578	0.99652	0.43074	45
-1.53636	1.05474	0.32003	45
-0.24448	1.15504	0.24792	45
-1.13397	1.22998	0.11708	45
-0.48450	1.27779	0.07374	45
-0.83747	1.27690	0.06575	45
0.18615	1.37855	-0.01762	45
-0.15270	1.41487	-0.04200	45
0.76503	1.44083	-0.02435	45

R= 0.723 PROB= 0.000 AT LAG 1
R= 0.653 PROB= 0.000 AT LAG 2
R= 0.526 PROB= 0.000 AT LAG 3
R= 0.431 PROB= 0.003 AT LAG 4
R= 0.320 PROB= 0.032 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7233 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO3AHOOO1 PARAMETER TURB

MEAN= 2.7961 STANDARD DEVIATION= 6.1350

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.09717	1.44439	0.17114	45
-0.03197	1.21850	0.40835	45
-0.28462	1.51072	0.08570	45
-0.37427	1.34577	0.27512	45
-0.25202	1.45610	0.14692	45
-0.03197	1.60074	-0.03402	45
-0.12977	1.56771	0.00518	45
-0.30092	1.62691	-0.07198	45
-0.36123	1.63083	-0.07892	45
-0.04990	1.62352	-0.07281	45
-0.08087	1.63321	-0.08598	45
-0.34330	1.62771	-0.07995	45

R= 0.408 PROB= 0.005 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4084 PROBABILITY =0.005

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AH0001 PARAMETER COLR

MEAN= 8.3509 STANDARD DEVIATION= 8.0877

0 ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.45120	0.97166	0.60965	45
-0.16703	1.13367	0.47670	45
-0.41432	1.38337	0.21262	45
-0.41432	1.40820	0.18618	45
-0.41432	1.55211	0.01293	45
-0.41432	1.58343	-0.03022	45
-0.04338	1.58878	-0.04404	45
-0.66161	1.62786	-0.09426	45
-0.16703	1.66194	-0.14340	45
-0.41432	1.69433	-0.18621	45
-0.16703	1.68770	-0.17922	45
-0.16703	1.69262	-0.18417	45

R= 0.610 PROB= 0.000 AT LAG 1
R= 0.477 PROB= 0.001 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6097 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

57 ZEROS OUT OF 57 VALUES = 100.0%

OOYTO9AHOOO1 PARAMETER ALKT

MEAN= 59.4595 STANDARD DEVIATION= 5.8935

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.67295	0.73623	0.75084	45
-1.58811	0.83158	0.64504	45
-1.67295	0.82109	0.59634	45
-1.65599	0.98514	0.43623	45
-1.58811	1.03056	0.35049	45
-1.23179	1.12933	0.22513	45
-0.97727	1.21796	0.11374	45
-0.87546	1.19721	0.12170	45
-0.79063	1.24637	0.06627	45
-0.31552	1.35278	-0.03296	45
0.07473	1.39526	-0.05866	45
1.22855	1.44690	-0.05843	45

R= 0.751 PROB= 0.000 AT LAG 1
R= 0.645 PROB= 0.000 AT LAG 2
R= 0.596 PROB= 0.000 AT LAG 3
R= 0.436 PROB= 0.003 AT LAG 4
R= 0.350 PROB= 0.018 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7508 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER HARD

MEAN= 66.2174 STANDARD DEVIATION= 6.5838

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.65823	0.78575	0.71989	45
-1.62786	0.89944	0.60821	45
-1.71899	0.84817	0.58417	45
-1.64305	1.00340	0.42599	45
-1.55191	1.07438	0.31333	45
-1.06587	1.15917	0.20644	45
-0.97473	1.25375	0.07850	45
-0.71652	1.20133	0.12329	45
-0.71652	1.27030	0.04832	45
0.01254	1.36849	-0.03423	45
-0.01783	1.39223	-0.04096	45
1.19728	1.45019	-0.05013	45

R= 0.720 PROB= 0.000 AT LAG 1
R= 0.608 PROB= 0.000 AT LAG 2
R= 0.584 PROB= 0.000 AT LAG 3
R= 0.426 PROB= 0.004 AT LAG 4
R= 0.313 PROB= 0.036 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7199 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CA-D

MEAN= 19.3508 STANDARD DEVIATION= 1.9611

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.60664	0.82512	0.69848	45
-1.40267	0.94507	0.58108	45
-1.65762	0.86842	0.58336	45
-1.55564	1.03871	0.41238	45
-1.55564	1.10927	0.30118	45
-1.14771	1.19769	0.18389	45
-0.89275	1.26372	0.09161	45
-0.68879	1.22690	0.12760	45
-0.63780	1.31043	0.03909	45
-0.02590	1.38030	-0.01410	45
0.07608	1.40665	-0.03305	45
1.14690	1.47270	-0.05624	45

R= 0.698 PROB= 0.000 AT LAG 1
R= 0.581 PROB= 0.000 AT LAG 2
R= 0.583 PROB= 0.000 AT LAG 3
R= 0.412 PROB= 0.005 AT LAG 4
R= 0.301 PROB= 0.044 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6985 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER MG-D

MEAN= 4.3440 STANDARD DEVIATION= 0.4741

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.56927	0.92032	0.61086	45
-1.99111	1.01450	0.50811	45
-1.65364	0.94130	0.50515	45
-1.56927	1.09767	0.33673	45
-1.35836	1.15486	0.23486	45
-0.72561	1.15254	0.23035	45
-1.14744	1.32515	0.00435	45
-0.72561	1.25314	0.06101	45
-0.72561	1.23470	0.06383	45
0.09696	1.36040	-0.05508	45
-0.30378	1.39207	-0.05485	45
1.17263	1.36434	0.02792	45

R= 0.611 PROB= 0.000 AT LAG 1
R= 0.508 PROB= 0.000 AT LAG 2
R= 0.505 PROB= 0.000 AT LAG 3
R= 0.337 PROB= 0.024 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6109 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9AHOOO. PARAMETER K -D

MEAN= 0.7421 STANDARD DEVIATION= 0.2632

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.53992	1.41033	0.19471	45
-0.53992	1.43513	0.16189	45
-0.53992	1.47155	0.11905	45
-0.15996	1.36877	0.23159	45
-0.91987	1.43401	0.15239	45
-0.15996	1.47046	0.10951	45
-0.15996	1.55734	-0.00326	45
-0.53992	1.46280	0.11372	45
-0.53992	1.61200	-0.07706	45
-0.53992	1.53869	0.00842	45
-0.53992	1.54908	-0.00967	45
-0.15996	1.58390	-0.05356	45

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2316 PROBABILITY =0.126

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER NA-D

MEAN= 1.5930 STANDARD DEVIATION= 0.4698

0 ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.41081	1.36897	0.24295	45
-0.83656	1.37007	0.23294	45
-0.62368	1.50993	0.06488	45
-0.62368	1.39880	0.18775	45
-0.62368	1.42094	0.15667	45
-0.41081	1.54422	0.00318	45
-0.19793	1.61031	-0.08693	45
-0.41081	1.66049	-0.15259	45
-0.19793	1.58319	-0.05630	45
-0.19793	1.53375	0.00609	45
0.01495	1.64158	-0.12360	45
0.44070	1.62617	-0.10092	45

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2430 PROBABILITY =0.108

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CL-D

MEAN= 0.4456 STANDARD DEVIATION= 0.6508

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.37737	1.32331	0.29756	45
-0.37737	1.59838	-0.02558	45
-0.37737	1.58189	-0.01028	45
-0.37737	1.54634	0.03613	45
-0.37737	1.54430	0.03575	45
-0.22373	1.56857	0.00157	45
-0.37737	1.60314	-0.04684	45
-0.22373	1.57874	-0.01833	45
-0.37737	1.59970	-0.04510	45
-0.22373	1.61357	-0.06258	45
-0.37737	1.60297	-0.05253	45
-0.22373	1.61162	-0.06398	45

R= 0.298 PROB= 0.047 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2976 PROBABILITY =0.047

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYT09AH0001 PARAMETER F -D

MEAN= 0.1015 STANDARD DEVIATION= 0.0291

1 ZEROS OUT OF 57 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-1.08108	0.91648	0.53263	45
-0.73778	0.95843	0.44644	45
-0.05118	1.01966	0.42531	45
-0.97809	1.06237	0.34636	45
-3.48418	1.12273	0.18547	45
-1.21840	1.20168	0.07132	45
-1.42438	1.05656	0.17131	45
-1.42438	1.26553	0.00238	45
-1.08108	1.28478	-0.04270	45
-0.73778	1.30677	-0.07035	45
-0.11984	1.24432	0.00047	45
-0.73778	1.22118	-0.01542	45

R= 0.533 PROB= 0.000 AT LAG 1
R= 0.446 PROB= 0.002 AT LAG 2
R= 0.425 PROB= 0.004 AT LAG 3
R= 0.346 PROB= 0.020 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5326 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SIO2

MEAN= 5.1982 STANDARD DEVIATION= 0.4436

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-2.02482	0.90170	0.60637	45
-1.57397	1.00251	0.48779	45
-1.79939	0.81347	0.58204	45
-2.02482	0.99176	0.37461	45
-1.79939	1.08058	0.24477	45
-1.34854	1.20321	0.08847	45
-1.12311	1.34291	-0.08404	45
-1.12311	1.29147	-0.05694	45
-0.44684	1.45239	-0.20755	45
-0.44684	1.54068	-0.29339	45
-0.22141	1.56107	-0.31665	45
1.58199	1.64215	-0.32796	45

R= 0.606 PROB= 0.000 AT LAG 1
R= 0.488 PROB= 0.001 AT LAG 2
R= 0.582 PROB= 0.000 AT LAG 3
R= 0.375 PROB= 0.011 AT LAG 4
R= -.317 PROB= 0.034 AT LAG 11
R= -.328 PROB= 0.028 AT LAG 12

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6064 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SO4

MEAN= 7.1666 STANDARD DEVIATION= 1.1322

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.38369	0.81386	0.67092	45
-0.85376	0.81205	0.66897	45
-1.20704	0.92866	0.54077	45
-0.50047	0.98254	0.50765	45
-1.03040	1.03596	0.42613	45
-0.50047	1.18365	0.33679	45
-2.00194	1.14947	0.31786	45
-0.58879	1.35925	0.10119	45
-0.32382	1.32614	0.11952	45
-0.32382	1.40879	0.03158	45
-0.23550	1.39941	0.03640	45
0.20611	1.48248	-0.03934	45

R= 0.671 PROB= 0.000 AT LAG 1
R= 0.669 PROB= 0.000 AT LAG 2
R= 0.541 PROB= 0.000 AT LAG 3
R= 0.508 PROB= 0.000 AT LAG 4
R= 0.426 PROB= 0.004 AT LAG 5
R= 0.337 PROB= 0.024 AT LAG 6
R= 0.318 PROB= 0.033 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6709 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER NN-D

MEAN= 0.0552 STANDARD DEVIATION= 0.0473

0 ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.93538	1.13223	0.46025	45
-1.10465	1.24567	0.30501	45
-1.06233	1.23385	0.29237	45
-0.89307	1.33221	0.15742	45
-0.99886	1.34125	0.12757	45
-0.55455	1.23017	0.21422	45
-0.55455	1.28122	0.13754	45
-0.51223	1.28682	0.12589	45
-0.17371	1.28188	0.12281	45
-0.19487	1.40422	-0.00923	45
1.34964	1.45833	-0.04359	45
1.54006	1.40393	0.05115	45

R= 0.460 PROB= 0.001 AT LAG 1
R= 0.305 PROB= 0.042 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4603 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER RNFL

MEAN= 19.2632 STANDARD DEVIATION= 34.5757

10 ZEROS OUT OF 57 VALUES = 17.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.41252	1.07833	0.53596	45
-0.55713	1.19699	0.42102	45
-0.44144	1.18630	0.42804	45
-0.55713	1.44481	0.14837	45
-0.52821	1.53507	0.03674	45
-0.29683	1.57805	-0.01669	45
-0.41252	1.50171	0.07421	45
-0.55713	1.48909	0.08536	45
-0.55713	1.56512	-0.01058	45
-0.32575	1.50452	0.06013	45
-0.55713	1.51884	0.04016	45
-0.21006	1.60603	-0.06938	45

R= 0.536 PROB= 0.000 AT LAG 1
R= 0.421 PROB= 0.004 AT LAG 2
R= 0.428 PROB= 0.003 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5360 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER R-FL

MEAN= 94.1053 STANDARD DEVIATION= 54.2230

6 ZEROS OUT OF 57 VALUES = 10.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.70275	1.25073	0.28107	45
-1.73552	1.22993	0.25118	45
-0.55521	1.47919	-0.06955	45
-0.40767	1.47338	-0.05138	45
-0.37079	1.45746	0.02193	45
-0.51833	1.34640	0.14992	45
-0.48144	1.26252	0.24448	45
-1.73552	1.22297	0.23398	45
-1.73552	1.41615	0.00497	45
-0.18636	1.53016	-0.17262	45
-0.33390	1.38414	0.04303	45
1.28902	1.38577	0.05947	45

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2811 PROBABILITY =0.061

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER RFNF

MEAN= 10.7895 STANDARD DEVIATION= 21.8548

17 ZEROS OUT OF 57 VALUES = 29.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.40218	1.01568	0.58656	45
-0.49369	1.13554	0.47791	45
-0.49369	1.40343	0.19716	45
-0.49369	1.40725	0.19031	45
-0.49369	1.47554	0.10766	45
-0.21915	1.53921	0.03177	45
-0.31066	1.56526	0.00077	45
-0.49369	1.60079	-0.04723	45
-0.49369	1.54522	0.01503	45
-0.21915	1.49912	0.06717	45
-0.49369	1.43628	0.14297	45
-0.49369	1.58086	-0.03556	45

R= 0.587 PROB= 0.000 AT LAG 1
R= 0.478 PROB= 0.001 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5866 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER R-FF

MEAN= 63.5088 STANDARD DEVIATION= 40.4723

6 ZEROS OUT OF 57 VALUES = 10.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.25965	1.35896	0.13201	45
-1.56919	1.42575	0.01003	45
-0.23494	1.54436	-0.20697	45
0.01214	1.53811	-0.17966	45
-0.06199	1.48462	-0.02694	45
-0.13611	1.39701	0.07847	45
-0.03728	1.14767	0.32593	45
-1.56919	1.12642	0.29864	45
-1.56919	1.46475	-0.07332	45
0.20980	1.51502	-0.19703	45
0.01214	1.42465	-0.01162	45
2.38413	1.46019	-0.04485	45

R= 0.326 PROB= 0.029 AT LAG 7
R= 0.299 PROB= 0.046 AT LAG 8

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.3259 PROBABILITY =0.029

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER AS-X

MEAN= 0.0003 STANDARD DEVIATION= 0.0003

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.15577	1.39554	0.16087	45
-0.15577	1.53350	-0.00410	45
-0.15577	1.55068	-0.01639	45
-0.15577	1.55281	-0.02166	45
-0.54184	1.61040	-0.09230	45
1.38848	1.61040	-0.08656	45
-0.15577	1.60215	-0.05063	45
-0.54184	1.29586	-0.06098	45
-0.15577	1.19201	0.03257	45
-0.15577	0.93154	0.24976	45
-0.15577	1.13800	0.07856	45
-0.15577	1.12040	0.09350	45

MAXIMUM COHERENCE AT 10 WEEK INTERVALS RMAX= 0.2498 PROBABILITY =0.098

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER SE-X

MEAN= 0.0002 STANDARD DEVIATION= 0.0002

0 ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.43482	1.58525	-0.01020	45
-0.43482	1.63469	-0.08049	45
-0.43482	1.45040	0.14436	45
-0.43482	1.59062	-0.02880	45
-0.43482	1.55080	0.01682	45
-0.43482	1.63295	-0.09154	45
-0.43482	1.57626	-0.02117	45
-0.43482	1.45040	-0.02137	45
-0.43482	1.46793	-0.04199	45
-0.43482	1.44647	-0.01472	45
-0.43482	1.37597	-0.02564	45
-0.43482	1.30383	0.04892	45

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1444 PROBABILITY =0.344

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CD-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

55 ZEROS OUT OF 57 VALUES = 96.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.18901	0.0	-0.03718	45
5.19784	0.0	0.49728	45
-0.18901	0.0	-0.01752	45
5.19784	0.0	-0.00307	45
-0.18901	0.0	-0.00289	45
-0.18901	0.0	-0.00546	45
-0.18901	0.0	-0.00484	45
-0.18901	0.0	-0.00548	45
-0.18901	0.80302	-0.00649	45
-0.18901	0.80302	-0.00664	45
-0.18901	1.13565	-0.00747	45
-0.18901	1.13565	-0.00678	45

R= 0.497 PROB= 0.001 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4973 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

00YT09AH0001 PARAMETER CU-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0005

55 ZEROS OUT OF 57 VALUES = 96.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.16130	0.0	-0.02761	45
7.19409	0.0	0.24418	45
-0.16130	0.0	-0.00700	45
1.67754	0.0	-0.00191	45
-0.16130	0.0	-0.00237	45
-0.16130	0.0	-0.00289	45
-0.16130	0.0	-0.00334	45
-0.16130	0.0	-0.00381	45
-0.16130	0.27412	-0.00430	45
-0.16130	0.27412	-0.00476	45
-0.16130	1.13022	-0.00524	45
-0.16130	1.13022	-0.00570	45

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2442 PROBABILITY =0.106

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER ZN-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0007

55 ZEROS OUT OF 57 VALUES = 96.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.17324	0.0	-0.03158	45
2.64812	0.0	0.33682	45
-0.17324	0.0	-0.02355	45
6.88017	0.0	-0.00218	45
-0.17324	0.0	-0.00272	45
-0.17324	0.0	-0.00327	45
-0.17324	0.0	-0.00381	45
-0.17324	0.0	-0.00436	45
-0.17324	1.05146	-0.00490	45
-0.17324	1.05146	-0.00544	45
-0.17324	1.13246	-0.00599	45
-0.17324	1.13246	-0.00653	45

R= 0.337 PROB= 0.024 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.3368 PROBABILITY =0.024

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER FE-X

MEAN= 0.0047 STANDARD DEVIATION= 0.0255

55 ZEROS OUT OF 57 VALUES = 96.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.18574	0.0	-0.03630	45
6.08816	0.0	0.47371	45
-0.18574	0.0	-0.01657	45
4.12757	0.0	-0.00250	45
-0.18574	C.0	-0.00313	45
-0.18574	0.0	-0.00375	45
-0.18574	0.0	-0.00438	45
-0.18574	0.0	-0.00501	45
-0.18574	0.64299	-0.00563	45
-0.18574	0.64299	-0.00626	45
-0.18574	1.13496	-0.00688	45
-0.18574	1.13496	-0.00751	45

R= 0.474 PROB= 0.001 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4737 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PB-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0002

55 ZEROS OUT OF 57 VALUES = 96.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.18901	0.0	-0.03765	45
5.19784	0.0	0.50718	45
-0.18901	0.0	-0.02039	45
5.19784	0.0	-0.00260	45
-0.18901	0.0	-0.00325	45
-0.18901	0.0	-0.00389	45
-0.18901	0.0	-0.00454	45
-0.18901	0.0	-0.00519	45
-0.18901	0.80302	-0.00584	45
-0.18901	0.80302	-0.00649	45
-0.18901	1.13565	-0.00714	45
-0.18901	1.13565	-0.00779	45

R= 0.507 PROB= 0.000 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.5072 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER MN-X

MEAN= 0.0004 STANDARD DEVIATION= 0.0019

55 ZEROS OUT OF 57 VALUES = 96.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.18901	0.0	-0.03767	45
5.19784	0.0	0.50778	45
-0.18901	0.0	-0.02046	45
5.19784	0.0	-0.00260	45
-0.18901	0.0	-0.00325	45
-0.18901	0.0	-0.00390	45
-0.18901	0.0	-0.00455	45
-0.18901	0.0	-0.00520	45
-0.18901	0.80302	-0.00585	45
-0.18901	0.80302	-0.00650	45
-0.18901	1.13565	-0.00714	45
-0.18901	1.13565	-0.00779	45

R= 0.508 PROB= 0.000 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.5078 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER HG-X

MEAN= 0.0035 STANDARD DEVIATION= 0.0208

55 ZEROS OUT OF 57 VALUES = 96.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.16845	0.0	-0.03006	45
2.23192	0.0	0.29506	45
-0.16845	0.0	-0.02355	45
7.03264	0.0	-0.00207	45
-0.16845	0.0	-0.00259	45
-0.16845	0.0	-0.00311	45
-0.16845	0.0	-0.00363	45
-0.16845	0.0	-0.00415	45
-0.16845	1.07347	-0.00466	45
-0.16845	1.07347	-0.00518	45
-0.16845	1.13154	-0.00570	45
-0.16845	1.13154	-0.00622	45

R= 0.295 PROB= 0.049 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2951 PROBABILITY =0.049

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER N-TD

MEAN= 0.2721 STANDARD DEVIATION= 0.9728

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.20668	1.59480	-0.02311	45
-0.22107	1.60174	-0.02697	45
-0.22107	1.59587	-0.02559	45
-0.14089	1.59150	-0.02004	45
-0.20360	1.58720	-0.01544	45
-0.18715	1.58888	-0.01832	45
-0.15528	1.60044	-0.03366	45
-0.10286	1.60368	-0.03808	45
-0.13061	1.59816	-0.03157	45
-0.15734	1.59905	-0.03315	45
-0.08127	1.56693	0.00782	45
-0.03399	1.57976	-0.00836	45

MAXIMUM COHERENCE AT 11 WEEK INTERVALS RMAX= 0.0078 PROBABILITY =0.959

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTOSAHOOO1 PARAMETER P -T

MEAN= 0.0288 STANDARD DEVIATION= 0.0710

O ZEROS OUT OF 57 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.25080	1.57057	0.00016	45
-0.29305	1.54128	0.03561	45
-0.23672	1.52487	0.05536	45
-0.29305	1.55639	0.01332	45
-0.25080	1.49790	0.08862	45
-0.26489	1.48770	0.09891	45
-0.26489	1.59874	-0.03969	45
0.36892	1.47111	0.11956	45
-0.26489	1.60488	-0.04676	45
-0.23672	1.56113	0.00803	45
-0.19446	1.60710	-0.05054	45
-0.30714	1.61555	-0.06287	45

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.1196 PROBABILITY =0.434

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOY⁻⁻DAHOOO1 PARAMETER TIC

MEAN= 15.0175 STANDARD DEVIATION= 3.0908

1 ZEROS OUT OF 57 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.65275	0.72505	0.49151	45
-4.85872	0.85464	0.34024	45
-1.29982	0.92521	0.27314	45
-1.29982	0.95246	0.18627	45
-1.29982	0.96218	0.15197	45
-0.97629	0.92897	0.14271	45
-0.97629	0.93646	0.07468	45
-0.65275	0.93646	0.10169	45
-0.00568	0.94017	0.08560	45
-0.32921	0.98133	-0.01993	45
-0.00568	1.22679	0.06874	45
1.28847	1.23435	0.07987	45

R= 0.492 PROB= 0.001 AT LAG 1
R= 0.340 PROB= 0.022 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4915 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER TOC

MEAN= 3.4558 STANDARD DEVIATION= 2.2279

1 ZEROS OUT OF 57 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.69831	1.10618	0.47141	45
-1.55111	1.22262	0.33855	45
0.01985	1.44917	0.09188	45
0.01985	1.47110	0.05044	45
0.01985	1.38576	0.14230	45
0.28915	1.24333	0.27609	45
0.28915	1.41575	0.10451	45
0.46869	1.48704	0.01750	45
-0.47388	1.57276	-0.09825	45
-0.06992	1.60208	-0.14172	45
-0.15969	1.59140	-0.12116	45
-0.38411	1.52548	-0.04572	45

R= 0.471 PROB= 0.001 AT LAG 1
R= 0.339 PROB= 0.023 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4714 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CD-T

MEAN= 0.0005 STANDARD DEVIATION= 0.0004

7 ZEROS OUT OF 57 VALUES = 12.3%

VALUE	REDUND.	ACF	#OBSERV.
0.01989	1.46054	0.04384	45
-1.39664	1.50386	-0.00963	45
0.01989	1.58921	-0.15594	45
-1.39664	1.48176	0.03014	45
0.01989	1.51450	0.01028	45
0.01989	1.46054	0.07715	45
0.01989	1.51450	0.00959	45
-1.39664	1.52915	-0.06263	45
-1.39664	1.49673	-0.00687	45
0.01989	1.46664	0.02818	45
0.01989	1.21671	-0.00224	45
0.01989	1.20936	0.00627	45

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.0772 PROBABILITY =0.614

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER CU-T

MEAN= 0.0035 STANDARD DEVIATION= 0.0060

3 ZEROS OUT OF 57 VALUES = 5.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.09114	0.51378	0.11349	45
-0.59387	0.52162	-0.05669	45
-0.25871	0.53927	0.03049	45
-0.59387	0.59589	-0.09306	45
0.57918	1.24830	-0.11126	45
-0.42629	1.24855	-0.15248	45
0.24402	1.17994	-0.02464	45
6.77955	1.05424	0.10258	45
0.41160	1.16717	0.00226	45
-0.42629	1.14450	0.02152	45
-0.42629	1.15670	0.00976	45
-0.25871	1.17809	-0.01057	45

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1135 PROBABILITY =0.458

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER FE-T

MEAN= 0.4613 STANDARD DEVIATION= 0.7546

2 ZEROS OUT OF 57 VALUES = 3.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.25356	1.27518	0.34101	45
-0.61137	1.13336	0.47537	45
-0.39934	1.32438	0.28320	45
-0.61137	1.46121	0.12709	45
-0.08128	1.49707	0.08363	45
-0.41259	1.58034	-0.02109	45
-0.17404	1.55537	0.01230	45
-0.35958	1.59940	-0.04207	45
-0.37283	1.61399	-0.06374	45
-0.20055	1.56065	0.00368	45
-0.37283	1.56980	-0.00968	45
-0.47885	1.60398	-0.05522	45

R= 0.341 PROB= 0.022 AT LAG 1
R= 0.475 PROB= 0.001 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4754 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER PB-T

MEAN= 0.0024 STANDARD DEVIATION= 0.0026

3 ZEROS OUT OF 57 VALUES = 5.3%

VALUE	REDUND.	ACF	#OBSERV.
0.61271	1.53485	0.02260	45
-0.93948	1.41931	0.16052	45
-0.55143	1.46798	0.08019	45
-0.93948	1.54679	-0.02327	45
-0.55143	1.49173	0.04312	45
-0.55143	1.55111	-0.02758	45
-0.16338	1.34548	0.22417	45
0.22466	1.62074	-0.11071	45
-0.16338	1.57785	-0.05128	45
-0.16338	1.29349	0.26830	45
-0.55143	1.58420	-0.06967	45
-0.55143	1.29478	0.27096	45

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.2710 PROBABILITY =0.072

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER MN-T

MEAN= 0.0164 STANDARD DEVIATION= 0.0174

2 ZEROS OUT OF 57 VALUES = 3.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.36511	1.38385	0.21766	45
-0.93843	1.10174	0.50161	45
-0.36511	1.30451	0.29588	45
-0.93843	1.33550	0.25505	45
-0.36511	1.49400	0.07366	45
-0.36511	1.40532	0.17412	45
-0.36511	1.48959	0.07821	45
-0.36511	1.56608	-0.02406	45
-0.36511	1.57121	-0.02890	45
-0.36511	1.51439	0.04486	45
-0.36511	1.60159	-0.06979	45
-0.36511	1.58832	-0.04826	45

R= 0.502 PROB= 0.000 AT LAG 2
R= 0.296 PROB= 0.048 AT LAG 3

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.5016 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER HG-T

MEAN= 0.0676 STANDARD DEVIATION= 0.1530

2 ZEROS OUT OF 57 VALUES = 3.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.11532	0.06061	-0.09756	45
-0.44202	0.06061	-0.00382	45
7.39885	0.06061	0.00584	45
-0.44202	0.06061	0.00420	45
-0.11532	0.06061	0.00072	45
-0.11532	0.06061	0.00228	45
-0.11532	0.06061	0.00033	45
-0.11532	0.06061	-0.00174	45
-0.11532	0.07775	-0.00206	45
-0.11532	1.12284	-0.00098	45
-0.11532	1.12390	-0.00327	45
-0.11532	1.12390	-0.00312	45

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.0058 PROBABILITY =0.970

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9AHOOO1 PARAMETER ZN-T

MEAN= 0.0078 STANDARD DEVIATION= 0.0202

3 ZEROS OUT OF 57 VALUES = 5.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.33604	1.41667	0.18700	45
-0.38566	1.52601	0.05910	45
-0.33604	1.50398	0.08184	45
-0.38566	1.59931	-0.03718	45
-0.18717	1.49051	0.09560	45
-0.28642	1.56155	0.00848	45
-0.03830	1.62996	-0.07956	45
-0.23680	1.61044	-0.05522	45
0.06094	1.59725	-0.03729	45
-0.33604	1.59951	-0.04223	45
-0.23680	1.59956	-0.04310	45
-0.18717	1.60608	-0.05178	45

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1870 PROBABILITY =0.219

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-AF

MEAN= 2.2696 STANDARD DEVIATION= 14.0647

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
0.54963	0.56102	0.84581	44
0.54963	0.57318	0.83000	44
0.69183	0.59485	0.79268	44
0.51408	0.67196	0.74424	44
0.19413	0.69921	0.70816	44
0.47853	0.82865	0.59783	44
-0.01917	0.89061	0.55554	44
-0.38178	0.99217	0.46092	44
0.07326	1.06459	0.38577	44
-0.70173	1.14192	0.31751	44
-0.70173	1.24864	0.21235	44
-1.87488	1.31403	0.14290	44

R= 0.846 PROB= 0.000 AT LAG 1
R= 0.830 PROB= 0.000 AT LAG 2
R= 0.793 PROB= 0.000 AT LAG 3
R= 0.744 PROB= 0.000 AT LAG 4
R= 0.708 PROB= 0.000 AT LAG 5
R= 0.598 PROB= 0.000 AT LAG 6
R= 0.556 PROB= 0.000 AT LAG 7
R= 0.461 PROB= 0.002 AT LAG 8
R= 0.386 PROB= 0.010 AT LAG 9
R= 0.318 PROB= 0.036 AT LAG 10

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8458 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-WF

MEAN= 6.0000 STANDARD DEVIATION= 5.8018

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
0.51708	0.59381	0.85923	44
0.34472	0.64066	0.81524	44
0.34472	0.69040	0.76270	44
0.77562	0.78509	0.66974	44
0.86180	0.82078	0.61385	44
0.34472	0.88733	0.53288	44
0.00000	0.92233	0.48858	44
-0.22407	0.98705	0.44363	44
-0.77562	1.07925	0.35804	44
-0.81009	1.12252	0.30233	44
-1.01692	1.18637	0.21633	44
-0.98245	1.25679	0.11903	44

R= 0.859 PROB= 0.000 AT LAG 1
R= 0.815 PROB= 0.000 AT LAG 2
R= 0.763 PROB= 0.000 AT LAG 3
R= 0.670 PROB= 0.000 AT LAG 4
R= 0.614 PROB= 0.000 AT LAG 5
R= 0.533 PROB= 0.000 AT LAG 6
R= 0.489 PROB= 0.001 AT LAG 7
R= 0.444 PROB= 0.003 AT LAG 8
R= 0.358 PROB= 0.017 AT LAG 9
R= 0.302 PROB= 0.046 AT LAG 10

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8592 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PH-F

MEAN= 7.2767 STANDARD DEVIATION= 1.4295

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.36605	1.62198	-0.03882	44
0.29609	1.59947	-0.01125	44
0.22614	1.56303	0.03325	44
0.29609	1.59835	-0.01480	44
0.22614	1.59494	-0.01250	44
0.29609	1.41984	-0.03943	44
0.22614	1.34568	0.03866	44
0.29609	1.40876	-0.03307	44
0.29609	1.35954	0.01881	44
0.29609	1.41494	-0.04492	44
0.36605	1.40528	-0.03926	44
0.22614	1.41022	-0.04861	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.0387 PROBABILITY =0.803

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SC-F

MEAN= 49.7857 STANDARD DEVIATION= 25.6116

10 ZEROS OUT OF 56 VALUES = 17.9%

VALUE	REDUND.	ACF	#OBSERV.
-1.94387	0.59684	0.77919	44
-1.94387	0.61589	0.70076	44
-1.94387	0.61256	0.63425	44
-1.94387	0.70713	0.54451	44
-1.94387	0.78671	0.46023	44
-1.94387	0.83923	0.38712	44
-1.94387	0.90450	0.30355	44
-1.94387	1.03405	0.15641	44
-1.94387	1.04920	0.10011	44
0.08646	1.07682	0.10405	44
-0.03068	1.12682	0.08875	44
-0.03068	1.18516	0.06166	44

R= 0.779 PROB= 0.000 AT LAG 1
R= 0.701 PROB= 0.000 AT LAG 2
R= 0.634 PROB= 0.000 AT LAG 3
R= 0.545 PROB= 0.000 AT LAG 4
R= 0.460 PROB= 0.002 AT LAG 5
R= 0.387 PROB= 0.009 AT LAG 6
R= 0.304 PROB= 0.045 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7792 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER T-WL

MEAN= 21.3303 STANDARD DEVIATION= 2.1196

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.22161	0.69311	0.02356	44
0.22161	0.70351	-0.00394	44
0.08008	0.65232	0.03962	44
0.12726	0.74391	-0.00008	44
0.26879	1.22542	-0.01124	44
0.45750	1.26279	-0.07295	44
0.78774	1.27242	-0.08682	44
-6.33609	1.06743	0.12757	44
-0.34452	1.20765	-0.00010	44
0.08008	1.14076	0.05660	44
0.03290	1.11229	0.07904	44
0.03290	1.17965	0.01554	44

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.1276 PROBABILITY =0.409

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PH-L

MEAN= 7.7144 STANDARD DEVIATION= 0.1695

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
1.03606	1.20010	0.24458	44
-0.08509	1.02976	0.42424	44
0.03293	1.33732	0.09954	44
0.03293	1.26510	0.23550	44
2.15720	1.22619	0.09750	44
-0.67517	1.13573	0.13824	44
-0.08509	1.17680	0.04059	44
-0.38013	1.19726	0.06332	44
0.50499	1.16795	0.10011	44
1.09506	1.26813	-0.02230	44
-0.08509	1.14361	0.09020	44
0.50499	1.27625	-0.04294	44

R= 0.424 PROB= 0.004 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4242 PROBABILITY =0.004

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SC-L

MEAN= 92.1763 STANDARD DEVIATION= 5.3828

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.11024	0.59209	0.71094	44
-1.31460	0.81403	0.64207	44
-1.42606	0.95678	0.45239	44
-1.05451	1.06731	0.38318	44
-1.14740	1.12269	0.24314	44
-0.86874	1.26991	0.14547	44
-2.44783	1.33589	0.01416	44
0.56173	1.39974	-0.04340	44
-0.90589	1.45385	-0.12112	44
0.17161	1.52528	-0.20051	44
0.00441	1.57067	-0.24007	44
0.50600	1.60211	-0.26280	44

R= 0.711 PROB= 0.000 AT LAG 1
R= 0.642 PROB= 0.000 AT LAG 2
R= 0.452 PROB= 0.002 AT LAG 3
R= 0.383 PROB= 0.010 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7109 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

C?YTO9ABOOO6 PARAMETER TURB

MEAN= 0.7232 STANDARD DEVIATION= 1.1296

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.05913	1.34977	0.27801	44
0.24504	1.40019	0.22038	44
0.15651	1.15849	0.46043	44
0.06798	1.41567	0.19076	44
0.15651	1.43632	0.16290	44
-0.46320	1.36125	0.24261	44
-0.18875	1.57633	-0.01368	44
-0.40123	1.59706	-0.04004	44
-0.36581	1.65553	-0.11759	44
-0.41893	1.62664	-0.07993	44
-0.41008	1.66456	-0.12987	44
-0.34811	1.65914	-0.12296	44

R= 0.460 PROB= 0.002 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.4604 PROBABILITY =0.002

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER COLR

MEAN= 5.4464 STANDARD DEVIATION= 1.6833

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.92294	1.11142	0.31006	44
1.51702	1.43855	-0.12001	44
-0.26521	1.44966	-0.06559	44
-0.26521	1.46069	-0.04611	44
-0.26521	1.47163	0.03553	44
-0.26521	1.49595	-0.06056	44
1.51702	1.49595	-0.12207	44
-1.45337	1.49595	-0.05255	44
-1.45337	1.49595	-0.00964	44
0.92294	1.49595	-0.00450	44
0.92294	1.51989	-0.03946	44
0.92294	1.53041	-0.06055	44

R= 0.310 PROB= 0.041 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3101 PROBABILITY =0.041

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

DOYTO9AB0006 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

56 ZEROS OUT OF 56 VALUES = 100.0%

OCYT09AB0006 PARAMETER ALKT

MEAN= 39.8803 STANDARD DEVIATION= 2.1638

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.14628	0.46237	0.87274	44
-1.23871	0.58658	0.78273	44
-1.42357	0.76090	0.63967	44
-1.23871	0.90118	0.49352	44
-1.51601	1.02746	0.35033	44
-0.96141	1.13732	0.20862	44
-0.45304	1.23987	0.07980	44
-0.82276	1.35687	-0.04609	44
-0.68412	1.46852	-0.18183	44
0.70236	1.53790	-0.23958	44
0.14777	1.61428	-0.32334	44
0.97966	1.64217	-0.33140	44

R= 0.873 PROB= 0.000 AT LAG 1
R= 0.783 PROB= 0.000 AT LAG 2
R= 0.640 PROB= 0.000 AT LAG 3
R= 0.494 PROB= 0.001 AT LAG 4
R= 0.350 PROB= 0.020 AT LAG 5
R= -.323 PROB= 0.032 AT LAG 11
R= -.331 PROB= 0.028 AT LAG 12

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8727 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER HARD

MEAN= 44.8606 STANDARD DEVIATION= 2.0212

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.72267	0.53987	0.84580	44
-0.72267	0.71163	0.73719	44
-1.61322	0.77953	0.62430	44
-1.71218	0.93508	0.47001	44
-1.41532	1.04739	0.33833	44
-1.26689	1.14411	0.19616	44
-0.32686	1.23651	0.09218	44
0.06895	1.32604	-0.00305	44
-0.72267	1.44029	-0.12323	44
0.26685	1.50452	-0.16170	44
-0.12895	1.55253	-0.22826	44
1.15741	1.58796	-0.25391	44

R= 0.846 PROB= 0.000 AT LAG 1
R= 0.737 PROB= 0.000 AT LAG 2
R= 0.624 PROB= 0.000 AT LAG 3
R= 0.470 PROB= 0.001 AT LAG 4
R= 0.338 PROB= 0.025 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8458 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CA-D

MEAN= 13.6053 STANDARD DEVIATION= 1.0508

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.67121	0.87388	0.41172	44
-0.86154	0.90296	0.35112	44
-0.95671	0.93223	0.32819	44
-0.67121	1.01834	0.24038	44
-4.57310	1.05527	0.13516	44
-0.67121	1.08840	0.08384	44
-0.00503	1.11576	-0.01899	44
-0.29053	1.39787	-0.05376	44
-0.38570	1.44222	-0.11654	44
-0.10020	1.49162	-0.16988	44
-0.10020	1.57779	-0.26954	44
0.94665	1.58235	-0.26021	44

R= 0.412 PROB= 0.005 AT LAG 1
R= 0.351 PROB= 0.019 AT LAG 2
R= 0.328 PROB= 0.030 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4117 PROBABILITY =0.005

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER MG-D

MEAN= 2.6443 STANDARD DEVIATION= 0.4713

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.11823	1.11221	-0.06563	44
0.33041	1.14949	-0.02597	44
-0.30613	1.13726	0.10379	44
-0.94267	1.16039	-0.02750	44
4.78617	1.19426	-0.00297	44
-0.51831	1.20552	-0.05777	44
-0.30613	1.22154	-0.07293	44
0.45771	1.36924	-0.01052	44
-0.30613	1.40123	-0.04189	44
0.33041	1.36850	-0.00727	44
-0.09395	1.41105	-0.05727	44
-0.09395	1.36543	-0.00696	44

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1038 PROBABILITY =0.503

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

00YT09AB0006 PARAMETER K -D

MEAN= 0.6518 STANDARD DEVIATION= 0.1829

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.28312	1.02949	-0.02992	44
-0.28312	1.05877	0.02369	44
0.26363	1.10277	-0.14109	44
-0.82986	1.40122	-0.10426	44
-0.28312	1.27692	-0.02656	44
-0.82986	1.26891	0.08494	44
0.81038	1.36188	-0.06074	44
-0.28312	1.25546	0.03396	44
5.18435	1.32394	-0.00233	44
-0.28312	1.30586	0.01858	44
-0.82986	1.33416	-0.02202	44
-0.28312	1.32394	-0.01170	44

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.0849 PROBABILITY =0.584

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER NA-D

MEAN= 1.0429 STANDARD DEVIATION= 0.1571

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.27278	0.65789	0.12126	44
-0.90934	0.65086	0.12930	44
-0.27278	0.65086	0.04811	44
-0.27278	1.22142	-0.01889	44
-0.27278	1.11500	0.07380	44
-0.90934	1.08994	0.08290	44
0.36377	1.17922	-0.06847	44
-0.27278	1.17139	0.00558	44
6.09273	1.22518	-0.00906	44
0.36377	1.26585	-0.05530	44
-0.27278	1.25489	-0.03529	44
0.36377	1.20242	0.01829	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.1293 PROBABILITY =0.403

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CL-D

MEAN= 0.2250 STANDARD DEVIATION= 0.0640

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.39086	0.78174	-0.05613	44
1.17261	0.78174	0.13013	44
-0.39086	0.70711	-0.00746	44
-0.39086	1.26930	-0.10034	44
-0.39086	1.08012	0.12079	44
-0.39086	1.29099	-0.10405	44
1.17261	1.10554	0.25709	44
-0.39086	1.10554	0.07788	44
5.86303	1.24722	-0.01405	44
-0.39086	1.05409	0.16011	44
-0.39086	1.17851	0.06880	44
-0.39086	1.22475	0.02255	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.2571 PROBABILITY =0.092

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER F -D

MEAN= 0.0906 STANDARD DEVIATION= 0.0247

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.23833	0.94633	0.57528	44
-1.23833	1.06156	0.48571	44
-0.02384	1.08304	0.42747	44
-1.64316	1.03656	0.40696	44
-0.95495	1.13520	0.29310	44
-1.44075	1.15086	0.24862	44
-1.23833	0.98088	0.38160	44
-1.64316	1.10416	0.24757	44
-1.64316	1.17564	0.15983	44
-0.83350	1.22811	0.10657	44
-0.83350	1.22036	0.05683	44
-0.83350	1.23557	0.03622	44

R= 0.575 PROB= 0.000 AT LAG 1
R= 0.486 PROB= 0.001 AT LAG 2
R= 0.427 PROB= 0.004 AT LAG 3
R= 0.407 PROB= 0.006 AT LAG 4
R= 0.382 PROB= 0.011 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5753 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SIO2

MEAN= 2.9696 STANDARD DEVIATION= 0.3324

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.81125	1.33708	0.26804	44
-0.81125	1.40608	0.17713	44
-0.81125	1.36977	0.20688	44
-0.81125	1.43648	0.11114	44
-0.81125	1.37875	0.16013	44
-0.81125	1.36826	0.15229	44
-0.20952	1.48437	0.01393	44
-0.81125	1.44505	0.04560	44
-0.81125	1.41119	0.06544	44
0.09135	1.49817	-0.03174	44
-0.20952	1.16702	0.04755	44
0.09135	1.29487	-0.07372	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2680 PROBABILITY =0.079

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SO4

MEAN= 5.4161 STANDARD DEVIATION= 0.4077

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.52996	0.89440	0.20253	44
-0.03938	0.80083	0.24152	44
0.20591	0.95001	0.19772	44
-1.51113	1.17055	0.12248	44
-1.02055	1.04396	0.19838	44
-0.03938	1.20905	0.19423	44
-0.52996	1.12892	0.22399	44
-0.03938	1.15940	0.14266	44
4.13057	1.33278	0.01173	44
-1.26584	1.22534	0.11598	44
-0.77525	1.35264	-0.02395	44
-0.77525	1.14575	0.17396	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2415 PROBABILITY =0.114

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER NN-D

MEAN= 0.0412 STANDARD DEVIATION= 0.0566

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.39248	1.28256	-0.05254	44
1.03748	1.32687	-0.03458	44
-0.56902	1.25441	0.14390	44
-0.21594	1.20191	-0.00903	44
3.73852	1.30163	-0.04391	44
-0.69259	1.24987	-0.02460	44
0.64910	1.26244	-0.04215	44
0.56083	1.40195	-0.04282	44
-0.60432	1.25935	0.10311	44
-0.67494	1.32548	0.03342	44
-0.56902	1.43620	-0.08010	44
-0.32186	1.04990	0.30239	44

R= 0.302 PROB= 0.046 AT LAG 12

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.3024 PROBABILITY =0.046

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER RNFL

MEAN= 5.3571 STANDARD DEVIATION= 6.0436

7 ZEROS OUT OF 56 VALUES = 12.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.72096	1.44959	0.03589	44
-0.88642	1.64390	-0.23806	44
-0.39003	1.45900	0.09875	44
0.60277	1.31665	0.23017	44
-0.72096	1.46836	-0.00343	44
-0.39003	1.56716	-0.06394	44
0.27184	1.42426	0.09202	44
-0.55549	1.37037	0.11353	44
-0.88642	1.49044	-0.04094	44
1.43009	1.30000	0.19642	44
-0.22456	1.40712	0.07710	44
-0.88642	1.35324	0.13128	44

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2302 PROBABILITY =0.133

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER R-FL

MEAN= 75.9107 STANDARD DEVIATION= 48.5066

4 ZEROS OUT OF 56 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.51355	1.38276	0.12089	44
-1.56496	1.36204	0.11591	44
-0.57540	1.49133	0.00650	44
-0.49294	1.58817	-0.11536	44
-0.51355	1.53092	-0.05720	44
-0.88464	1.55062	-0.09487	44
-0.63725	1.30321	0.11326	44
-0.16309	1.33611	0.02292	44
-1.56496	1.38192	-0.04495	44
0.95017	1.32249	0.04823	44
1.11509	1.35906	0.03580	44
-0.12185	1.37638	0.01853	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1209 PROBABILITY =0.434

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER RFNF

MEAN= 2.3393 STANDARD DEVIATION= 3.7381

24 ZEROS OUT OF 56 VALUES = 42.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.62579	1.48671	0.03225	44
-0.62579	1.60152	-0.11418	44
-0.09076	1.61719	-0.12977	44
1.51431	1.36643	0.16369	44
-0.62579	1.46245	0.03492	44
0.17675	1.45743	0.06792	44
-0.09076	1.50141	0.01214	44
-0.62579	1.32412	0.19855	44
-0.62579	1.48343	-0.04780	44
-0.09076	1.32963	0.12852	44
-0.62579	1.42242	0.02142	44
-0.62579	1.42413	0.01532	44

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.1985 PROBABILITY =0.196

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER R-FF

MEAN= 55.1250 STANDARD DEVIATION= 44.1028

4 ZEROS OUT OF 56 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.13888	1.53762	-0.07040	44
-1.24992	1.44168	0.00976	44
-0.27493	1.52300	-0.02084	44
-0.20690	1.60465	-0.11969	44
-0.25225	1.66643	-0.20917	44
-0.56969	1.45388	0.06411	44
-0.34295	1.38028	0.00822	44
-0.38830	1.33845	0.00169	44
-1.24992	1.31936	0.01014	44
1.19890	1.22158	0.15018	44
1.56169	1.42476	-0.06270	44
-0.56969	1.43496	-0.07918	44

MAXIMUM COHERENCE AT 10 WEEK INTERVALS RMAX= 0.1502 PROBABILITY =0.331

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER AS-X

MEAN= 0.0003 STANDARD DEVIATION= 0.0001

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
1.24244	1.54623	-0.04772	44
0.30223	1.45933	0.06976	44
0.30223	1.46620	0.03540	44
0.30223	1.41743	-0.04786	44
-0.63799	1.43853	-0.09477	44
-0.63799	1.37425	-0.02200	44
-0.63799	1.43854	-0.09988	44
-1.57821	1.28354	0.09582	44
0.30223	1.47304	-0.15253	44
-0.63799	1.38154	-0.02880	44
0.30223	1.32209	0.02996	44
0.30223	1.35955	-0.00415	44

MAXIMUM COHERENCE AT 8 WEEK INTERVALS RMAX= 0.0958 PROBABILITY =0.536

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER SE-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0001

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.27305	1.53679	0.05307	44
-0.27305	1.54743	0.04073	44
-0.27305	1.63001	-0.06622	44
-0.27305	1.64005	-0.08221	44
-0.27305	1.71341	-0.19360	44
-0.27305	1.60466	-0.04930	44
-0.27305	1.60466	-0.05207	44
-0.27305	1.57891	-0.01941	44
-0.27305	1.52608	0.04032	44
-0.27305	1.15969	0.04871	44
-0.27305	1.23502	-0.02608	44
-0.27305	1.13828	0.06379	44

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0638 PROBABILITY =0.681

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CD-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.01754	44
7.34969	0.0	0.00009	44
-0.13363	0.0	-0.00218	44
-0.13363	0.0	-0.00279	44
-0.13363	0.0	-0.00514	44
-0.13363	0.0	-0.00284	44
-0.13363	0.0	-0.00322	44
-0.13363	0.0	-0.00295	44
-0.13363	0.0	-0.00219	44
-0.13363	0.0	-0.00236	44
-0.13363	1.12815	-0.00405	44
-0.13363	1.12815	-0.00274	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.0001 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CU-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.01883	44
7.34969	0.0	-0.00065	44
-0.13363	0.0	-0.00101	44
-0.13363	0.0	-0.00135	44
-0.13363	0.0	-0.00172	44
-0.13363	0.0	-0.00200	44
-0.13363	0.0	-0.00233	44
-0.13363	0.0	-0.00265	44
-0.13363	0.0	-0.00296	44
-0.13363	0.0	-0.00329	44
-0.13363	1.12815	-0.00364	44
-0.13363	1.12815	-0.00395	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= -0.0006 PROBABILITY =0.997

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER ZN-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.01885	44
7.34969	0.0	-0.00066	44
-0.13363	0.0	-0.00099	44
-0.13363	0.0	-0.00132	44
-0.13363	0.0	-0.00165	44
-0.13363	0.0	-0.00198	44
-0.13363	0.0	-0.00232	44
-0.13363	0.0	-0.00265	44
-0.13363	0.0	-0.00298	44
-0.13363	0.0	-0.00331	44
-0.13363	1.12815	-0.00364	44
-0.13363	1.12815	-0.00397	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= -0.0007 PROBABILITY =0.997

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER FE-X

MEAN= 0.0007 STANDARD DEVIATION= 0.0049

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.01885	44
7.34968	0.0	-0.00066	44
-0.13363	0.0	-0.00099	44
-0.13363	0.0	-0.00132	44
-0.13363	0.0	-0.00165	44
-0.13363	0.0	-0.00198	44
-0.13363	0.0	-0.00231	44
-0.13363	0.0	-0.00265	44
-0.13363	0.0	-0.00298	44
-0.13363	0.0	-0.00331	44
-0.13363	1.12815	-0.00364	44
-0.13363	1.12815	-0.00397	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= -0.0007 PROBABILITY =0.997

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PB-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.01885	44
7.34969	0.0	-0.00066	44
-0.13363	0.0	-0.00099	44
-0.13363	0.0	-0.00132	44
-0.13363	0.0	-0.00165	44
-0.13363	0.0	-0.00198	44
-0.13363	0.0	-0.00231	44
-0.13363	0.0	-0.00265	44
-0.13363	0.0	-0.00298	44
-0.13363	0.0	-0.00331	44
-0.13363	1.12815	-0.00364	44
-0.13363	1.12815	-0.00397	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= -0.0007 PROBABILITY =0.997

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER MN-X

MEAN= 0.0002 STANDARD DEVIATION= 0.0013

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.01885	44
7.34969	0.0	-0.00066	44
-0.13363	0.0	-0.00099	44
-0.13363	0.0	-0.00132	44
-0.13363	0.0	-0.00165	44
-0.13363	0.0	-0.00198	44
-0.13363	0.0	-0.00231	44
-0.13363	0.0	-0.00265	44
-0.13363	0.0	-0.00298	44
-0.13363	0.0	-0.00331	44
-0.13363	1.12815	-0.00364	44
-0.13363	1.12815	-0.00397	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= -0.0007 PROBABILITY =0.997

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER HG-X

MEAN= 0.0009 STANDARD DEVIATION= 0.0067

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.01885	44
7.34968	0.0	-0.00066	44
-0.13363	0.0	-0.00099	44
-0.13363	0.0	-0.00132	44
-0.13363	0.0	-0.00165	44
-0.13363	0.0	-0.00198	44
-0.13363	0.0	-0.00231	44
-0.13363	0.0	-0.00265	44
-0.13363	0.0	-0.00298	44
-0.13363	0.0	-0.00331	44
-0.13363	1.12815	-0.00364	44
-0.13363	1.12815	-0.00397	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= -0.0007 PROBABILITY =0.997

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER N-TD

MEAN= 0.1315 STANDARD DEVIATION= 0.2758

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.13960	0.36911	0.07632	44
-0.07070	0.38715	-0.03620	44
-0.19399	0.38924	-0.05811	44
7.06514	0.37121	0.04520	44
0.63635	0.37046	-0.00707	44
-0.27738	0.37692	-0.01221	44
-0.46593	0.39272	-0.00857	44
0.19036	0.40315	0.00635	44
-0.21212	1.11592	0.03549	44
-0.24112	1.17009	-0.01428	44
-0.17586	1.16871	-0.01384	44
-0.07070	1.15456	-0.00093	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0763 PROBABILITY =0.622

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER P -T

MEAN= 0.0101 STANDARD DEVIATION= 0.0084

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.25602	1.28101	0.03790	44
-0.85342	0.96226	0.30641	44
-0.61446	1.32300	-0.05584	44
0.34137	1.11194	0.15000	44
1.05824	1.25206	0.02365	44
-0.85342	1.28253	-0.02046	44
-0.01706	1.27033	-0.01947	44
-0.49498	1.31006	-0.04082	44
-0.49498	1.35785	-0.07816	44
0.10241	1.39718	-0.12397	44
-0.73394	1.32875	-0.05504	44
-0.61446	1.24986	0.02302	44

R= 0.306 PROB= 0.043 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.3064 PROBABILITY =0.043

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TIC

MEAN= 9.8500 STANDARD DEVIATION= 2.6285

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.05706	1.14160	0.14273	44
-3.74741	1.34135	0.06969	44
0.05708	1.33880	-0.02648	44
-1.65494	1.27228	0.06882	44
-0.32337	1.29047	0.05768	44
-0.51360	1.20975	0.09112	44
-0.36142	1.14920	0.22101	44
-0.43751	1.26240	-0.00777	44
-1.31254	1.31281	-0.01039	44
0.43753	1.33207	-0.03164	44
0.05708	1.43841	-0.01723	44
0.05708	1.47695	-0.06122	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.2210 PROBABILITY =0.149

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER TOC

MEAN= 2.2186 STANDARD DEVIATION= 1.2616

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-1.20369	0.96042	0.41859	44
-1.75854	1.07868	0.19416	44
-1.33051	1.03545	0.15399	44
-0.72810	1.21421	0.08583	44
0.54014	1.15933	0.06390	44
-0.01472	1.18813	-0.00103	44
0.69867	1.17152	0.04162	44
1.33279	1.20000	0.08832	44
3.07661	1.35656	0.00217	44
-0.64883	1.20105	0.15639	44
-0.72810	1.25073	0.11699	44
-0.25251	1.27071	0.10214	44

R= 0.419 PROB= 0.005 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4186 PROBABILITY =0.005

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER CD-T

MEAN= 0.0005 STANDARD DEVIATION= 0.0002

5 ZEROS OUT OF 56 VALUES = 8.9%

VALUE	REDUND.	ACF	#OBSERV.
0.13528	1.03938	0.17385	44
-2.77817	1.30293	0.00375	44
1.30066	1.30293	-0.04340	44
0.13528	1.45673	-0.13757	44
0.71797	1.50877	-0.17060	44
0.13528	1.22667	0.07482	44
0.13528	1.22352	0.28991	44
0.13528	1.50877	-0.17259	44
-2.77817	1.45673	-0.10559	44
0.13528	1.46728	-0.10312	44
0.13528	1.65277	-0.25851	44
0.13528	1.55660	-0.13564	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.2899 PROBABILITY =0.056

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AB0006 PARAMETER CU-T

MEAN= 0.0024 STANDARD DEVIATION= 0.0026

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
2.53676	1.26206	0.14107	44
-0.90940	1.29336	0.19859	44
0.62223	1.48187	-0.05656	44
-0.14359	1.34638	0.10296	44
0.23932	1.28690	-0.01031	44
-0.14359	1.15451	0.03443	44
-0.52649	1.20119	0.04263	44
0.23932	1.06753	0.09883	44
-0.90940	1.13706	0.05169	44
-0.52649	1.02939	0.15432	44
-0.52649	1.19284	0.00251	44
-0.52649	1.15595	0.11966	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.1986 PROBABILITY =0.196

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER FE-T

MEAN= 0.0911 STANDARD DEVIATION= 0.1163

6 ZEROS OUT OF 56 VALUES = 10.7%

VALUE	REDUND.	ACF	#OBSERV.
-0.09538	1.11581	0.46780	44
-0.78346	1.25748	0.33425	44
0.07664	1.19109	0.39281	44
-0.00937	1.31326	0.27944	44
-0.09538	1.35462	0.23112	44
-0.09538	1.25517	0.32574	44
-0.09538	1.43037	0.15385	44
0.42068	1.53588	0.02603	44
-0.78346	1.62425	-0.08767	44
-0.40501	1.62001	-0.08387	44
-0.35341	1.62873	-0.09449	44
-0.09538	1.60982	-0.06818	44

R= 0.468 PROB= 0.001 AT LAG 1
R= 0.334 PROB= 0.027 AT LAG 2
R= 0.393 PROB= 0.008 AT LAG 3
R= 0.326 PROB= 0.031 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4678 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER PB-T

MEAN= 0.0019 STANDARD DEVIATION= 0.0013

3 ZEROS OUT OF 56 VALUES = 5.4%

VALUE	REDUND.	ACF	#OBSERV.
1.67197	1.43045	-0.08280	44
-1.50192	1.54584	-0.11724	44
0.87850	1.53189	-0.18622	44
-0.70845	1.44042	-0.02570	44
0.08502	1.20217	0.25947	44
0.08502	1.44042	-0.04924	44
-0.70845	1.37953	0.08610	44
0.08502	1.56881	-0.22421	44
-1.50192	1.55046	-0.15404	44
-0.70845	1.41537	-0.08788	44
0.08502	1.06321	0.36846	44
1.67197	1.29941	0.11574	44

R= 0.368 PROB= 0.014 AT LAG 11

MAXIMUM COHERENCE AT 11 WEEK INTERVALS RMAX= 0.3685 PROBABILITY =0.014

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER MN-T

MEAN= 0.0109 STANDARD DEVIATION= 0.0061

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.14606	0.60408	-0.02361	44
-1.78191	0.60408	-0.02897	44
-0.14606	0.34876	-0.12792	44
-0.14606	0.65248	-0.22270	44
-0.14606	0.65248	-0.02329	44
6.39736	0.55145	0.03674	44
-0.14606	1.18272	0.03882	44
-0.14606	1.18272	-0.01587	44
-1.78191	1.18272	-0.01932	44
-0.14606	1.18272	-0.01851	44
-0.14606	1.20816	-0.01060	44
-0.14606	1.20816	-0.01558	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.0388 PROBABILITY =0.802

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

00YT09AB0006 PARAMETER HG-T

MEAN= 0.0484 STANDARD DEVIATION= 0.0141

3 ZEROS OUT OF 56 VALUES = 5.4%

VALUE	REDUND.	ACF	#OBSERV.
0.11389	1.17971	-0.01387	44
-3.42845	1.17971	-0.00686	44
0.11389	1.17971	-0.00890	44
0.11389	1.29495	-0.01086	44
0.11389	1.29495	-0.00747	44
0.11389	1.29495	-0.00661	44
0.11383	1.53667	-0.05245	44
0.11389	1.29495	-0.00804	44
-3.42845	1.29495	-0.00100	44
0.11389	1.29495	-0.00122	44
0.11389	1.40074	-0.00132	44
0.11389	1.40074	-0.00164	44

MAXIMUM COHERENCE AT 9 WEEK INTERVALS RMAX= -0.0010 PROBABILITY =0.995

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO6 PARAMETER ZN-T

MEAN= 0.0080 STANDARD DEVIATION= 0.0143

2 ZEROS OUT OF 56 VALUES = 3 6%

VALUE	REDUND.	ACF	#OBSERV.
-0.49094	0.49251	0.47217	44
-0.56072	0.57203	0.34893	44
0.06729	0.53835	-0.03965	44
0.48596	0.50009	-0.07775	44
5.02157	0.61158	-0.03933	44
2.23043	0.63336	0.10694	44
3.62600	0.85350	0.12451	44
-0.21183	1.01495	0.17523	44
-0.56072	1.12770	0.07194	44
-0.49094	1.03680	0.13501	44
-0.28160	1.08875	0.09054	44
0.76507	1.08947	0.09674	44

R= 0.472 PROB= 0.001 AT LAG 1
R= 0.349 PROB= 0.020 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4722 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

COYTO9EA0001 PARAMETER T-AF

MEAN= -4.8661 STANDARD DEVIATION= 18.5404

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
1.01756	0.62571	0.80913	44
0.74788	0.61589	0.78665	44
0.26246	0.60410	0.77156	44
0.58607	0.81044	0.61279	44
0.58607	0.75476	0.62892	44
0.15458	0.80794	0.56856	44
-0.06116	0.91547	0.47320	44
-1.30169	0.90163	0.49827	44
-0.97808	1.04169	0.38595	44
-0.73536	1.07639	0.34586	44
-1.46350	1.17572	0.27474	44
-0.70840	1.32302	0.12811	44

R= 0.809 PROB= 0.000 AT LAG 1
R= 0.787 PROB= 0.000 AT LAG 2
R= 0.772 PROB= 0.000 AT LAG 3
R= 0.613 PROB= 0.000 AT LAG 4
R= 0.629 PROB= 0.000 AT LAG 5
R= 0.569 PROB= 0.000 AT LAG 6
R= 0.473 PROB= 0.001 AT LAG 7
R= 0.498 PROB= 0.001 AT LAG 8
R= 0.386 PROB= 0.010 AT LAG 9
R= 0.346 PROB= 0.021 AT LAG 10

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8091 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER T-WF

MEAN= 2.5179 STANDARD DEVIATION= 4.9128

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
1.31943	0.49146	0.88712	44
0.91233	0.50516	0.84427	44
0.30169	0.55617	0.80185	44
0.30169	0.68992	0.69791	44
0.30169	0.75851	0.61655	44
-0.51250	0.83447	0.53001	44
-0.91960	0.93025	0.44241	44
-1.12315	1.00774	0.36494	44
-1.12315	1.08556	0.28515	44
-0.91960	1.13206	0.21593	44
-1.12315	1.20947	0.13748	44
-0.71605	1.27060	0.07331	44

R= 0.887 PROB= 0.000 AT LAG 1
R= 0.844 PROB= 0.000 AT LAG 2
R= 0.802 PROB= 0.000 AT LAG 3
R= 0.698 PROB= 0.000 AT LAG 4
R= 0.617 PROB= 0.000 AT LAG 5
R= 0.530 PROB= 0.000 AT LAG 6
R= 0.442 PROB= 0.003 AT LAG 7
R= 0.365 PROB= 0.015 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8871 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER PH-F

MEAN= 5.8268 STANDARD DEVIATION= 2.7468

10 ZEROS OUT OF 56 VALUES = 17.9%

VALUE	REDUND.	ACF	#OBSERV.
0.86399	0.67265	0.62202	44
-2.12127	0.67929	0.51586	44
-2.12127	0.67951	0.53144	44
-2.12127	0.78067	0.42790	44
-2.12127	0.87519	0.32125	44
-2.12127	0.95345	0.21957	44
-2.12127	1.03613	0.10931	44
-2.12127	1.10695	0.00463	44
-2.12127	1.17339	0.03833	44
0.42712	1.10912	0.15741	44
0.53634	1.30312	-0.11553	44
-2.12127	1.29967	-0.07466	44

R= 0.622 PROB= 0.000 AT LAG 1
R= 0.516 PROB= 0.000 AT LAG 2
R= 0.531 PROB= 0.000 AT LAG 3
R= 0.428 PROB= 0.004 AT LAG 4
R= 0.321 PROB= 0.033 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6220 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER T-WL

MEAN= 21.1339 STANDARD DEVIATION= 2.1833

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.25930	0.63520	0.27297	44
0.35090	0.81312	0.25192	44
0.12190	0.86621	0.23557	44
0.44251	1.01020	-0.06321	44
0.44251	1.10748	-0.08628	44
-4.50404	0.97573	0.03485	44
0.21351	1.16064	0.04602	44
-2.71778	1.16640	0.04874	44
-2.99259	1.01378	0.19863	44
-0.24451	1.07655	0.14956	44
0.07610	1.14234	0.06926	44
0.07610	1.16926	0.04230	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2730 PROBABILITY =0.073

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER PH-L

MEAN= 7.8487 STANDARD DEVIATION= 0.1874

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.27377	1.21733	0.24553	44
-0.31319	1.27065	0.24755	44
0.22041	1.34728	0.18414	44
0.27377	1.32671	0.17077	44
0.27377	1.38634	0.13048	44
1.34098	1.49688	-0.06948	44
0.27377	1.38225	0.11217	44
0.27377	1.44126	0.01185	44
-0.25983	1.45022	-0.02496	44
0.27377	1.45135	-0.00059	44
1.87458	1.50253	-0.09755	44
-1.32703	1.49194	-0.07831	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2475 PROBABILITY =0.105

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER SC-L

MEAN= 265.7463 STANDARD DEVIATION= 67.7228

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.69764	0.57186	0.80834	44
0.13812	0.66520	0.74854	44
-0.31520	0.64598	0.71792	44
-0.65925	0.77316	0.59857	44
-0.65925	0.83376	0.54108	44
-0.30044	0.94803	0.45874	44
-0.61200	1.07861	0.35345	44
0.28725	1.17339	0.28780	44
0.82622	1.23835	0.23992	44
1.42129	1.27814	0.18513	44
2.45491	1.35956	0.11336	44
0.78635	1.40163	0.07282	44

R= 0.808 PROB= 0.000 AT LAG 1
R= 0.749 PROB= 0.000 AT LAG 2
R= 0.718 PROB= 0.000 AT LAG 3
R= 0.599 PROB= 0.000 AT LAG 4
R= 0.541 PROB= 0.000 AT LAG 5
R= 0.459 PROB= 0.002 AT LAG 6
R= 0.353 PROB= 0.019 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8083 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EA0001 PARAMETER TURB

MEAN= 5.9787 STANDARD DEVIATION= 20.5219

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.16951	1.59064	0.00176	44
-0.22799	1.51820	0.08841	44
-0.14515	1.58398	0.00537	44
-0.25235	1.58051	0.00676	44
-0.25235	1.39434	0.22636	44
-0.27087	1.60134	-0.02464	44
-0.26794	1.50144	0.09621	44
-0.27818	1.61365	-0.04610	44
-0.28110	1.60983	-0.04333	44
-0.28597	1.60341	-0.03665	44
-0.28354	1.60277	-0.04338	44
-0.28159	1.49426	0.08900	44

MAXIMUM COHERENCE AT 5 WEEK INTERVALS RMAX= 0.2264 PROBABILITY =0.140

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9EA0001 PARAMETER COLR

MEAN= 12.7321 STANDARD DEVIATION= 19.6084

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.13934	0.66600	0.81853	44
0.11566	1.09011	0.52129	44
-0.29233	1.37003	0.24138	44
-0.39433	1.51653	0.07063	44
-0.39433	1.57116	0.00475	44
-0.39433	1.60520	-0.04484	44
-0.49632	1.62077	-0.06611	44
-0.49632	1.64880	-0.10795	44
-0.49632	1.65461	-0.11725	44
-0.39433	1.63537	-0.09254	44
-0.39433	1.62449	-0.07812	44
-0.29233	1.63311	-0.08892	44

R= 0.819 PROB= 0.000 AT LAG 1
R= 0.521 PROB= 0.000 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8185 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09EA0001 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

56 ZEROS OUT OF 56 VALUES = 100.0%

OOYTO9EA0001 PARAMETER ALKT

MEAN= 87.7067 STANDARD DEVIATION= 23.1334

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.65303	0.58505	0.82809	44
0.15101	0.66784	0.76528	44
-0.32882	0.67119	0.72680	44
-0.54496	0.80749	0.60973	44
-0.54496	0.87625	0.54574	44
-0.49741	1.00666	0.44603	44
-0.45850	1.11359	0.35652	44
0.01268	1.21222	0.27794	44
0.47954	1.27446	0.22646	44
1.21873	1.31248	0.17434	44
2.19999	1.39725	0.09330	44
0.78645	1.43084	0.06103	44

R= 0.828 PROB= 0.000 AT LAG 1
R= 0.765 PROB= 0.000 AT LAG 2
R= 0.727 PROB= 0.000 AT LAG 3
R= 0.610 PROB= 0.000 AT LAG 4
R= 0.546 PROB= 0.000 AT LAG 5
R= 0.446 PROB= 0.002 AT LAG 6
R= 0.357 PROB= 0.018 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8281 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER HARD

MEAN= 137.1194 STANDARD DEVIATION= 37.4397

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.70298	0.59266	0.80939	44
0.18912	0.68122	0.74152	44
-0.27830	0.66376	0.71113	44
-0.58813	0.77622	0.60587	44
-0.58813	0.84129	0.54438	44
-0.47595	0.96320	0.45404	44
-0.48129	1.08522	0.35682	44
0.00482	1.17506	0.29362	44
0.59244	1.23366	0.24725	44
1.44981	1.26826	0.19344	44
2.54491	1.35582	0.11459	44
0.85686	1.38679	0.08639	44

R= 0.809 PROB= 0.000 AT LAG 1
R= 0.742 PROB= 0.000 AT LAG 2
R= 0.711 PROB= 0.000 AT LAG 3
R= 0.606 PROB= 0.000 AT LAG 4
R= 0.544 PROB= 0.000 AT LAG 5
R= 0.454 PROB= 0.002 AT LAG 6
R= 0.357 PROB= 0.017 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8094 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EA0001 PARAMETER CA-D

MEAN= 37.0713 STANDARD DEVIATION= 9.4856

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.67169	0.62012	0.79956	44
0.24549	0.68729	0.74757	44
-0.23945	0.67108	0.72042	44
-0.53464	0.80001	0.60983	44
-0.53464	0.85286	0.55713	44
-0.39759	0.98023	0.46036	44
-0.38704	1.10517	0.35909	44
0.03465	1.19224	0.29529	44
0.62502	1.25543	0.24476	44
1.35244	1.30086	0.17729	44
2.48047	1.37741	0.10585	44
0.86749	1.40442	0.08186	44

R= 0.800 PROB= 0.000 AT LAG 1
R= 0.748 PROB= 0.000 AT LAG 2
R= 0.720 PROB= 0.000 AT LAG 3
R= 0.610 PROB= 0.000 AT LAG 4
R= 0.557 PROB= 0.000 AT LAG 5
R= 0.460 PROB= 0.002 AT LAG 6
R= 0.359 PROB= 0.017 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7996 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER MG-D

MEAN= 10.8135 STANDARD DEVIATION= 3.3948

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.74039	0.58463	0.80845	44
0.08439	0.70012	0.71724	44
-0.32800	0.68787	0.67996	44
-0.68148	0.76151	0.58774	44
-0.68148	0.83947	0.51585	44
-0.59311	0.95695	0.43058	44
-0.63435	1.06303	0.34622	44
-0.03343	1.15585	0.28528	44
0.52624	1.20602	0.24574	44
1.55723	1.22725	0.20961	44
2.58821	1.33200	0.11945	44
0.82081	1.36698	0.08698	44

R= 0.808 PROB= 0.000 AT LAG 1
R= 0.717 PROB= 0.000 AT LAG 2
R= 0.680 PROB= 0.000 AT LAG 3
R= 0.588 PROB= 0.000 AT LAG 4
R= 0.516 PROB= 0.000 AT LAG 5
R= 0.431 PROB= 0.004 AT LAG 6
R= 0.346 PROB= 0.021 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8084 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER K -D

MEAN= 0.6000 STANDARD DEVIATION= 0.1537

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.30083	1.05152	0.42239	44
0.00002	1.25954	0.24381	44
-0.65040	1.21683	0.25083	44
-1.30083	1.08748	0.30300	44
-1.30083	1.15189	0.20169	44
-1.30083	1.29343	0.04629	44
-0.65040	1.38324	-0.04755	44
0.00002	1.37277	0.01288	44
0.00002	1.36222	0.05063	44
0.65045	1.35159	0.01920	44
2.60172	1.49995	-0.09013	44
0.00002	1.49353	-0.08303	44

R= 0.422 PROB= 0.004 AT LAG 1
R= 0.303 PROB= 0.046 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4224 PROBABILITY =0.004

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER NA-D

MEAN= 2.7536 STANDARD DEVIATION= 0.9373

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.01737	0.63995	0.73911	44
0.26292	0.76329	0.65652	44
-0.37723	0.70055	0.63830	44
-0.69730	0.78005	0.55218	44
-0.69730	0.85034	0.48149	44
-0.59061	0.89886	0.43994	44
-0.48392	1.08804	0.29633	44
-0.16384	1.12049	0.28763	44
0.68969	1.18785	0.24731	44
1.43653	1.21764	0.18258	44
2.93022	1.28946	0.14169	44
0.79638	1.35510	0.08504	44

R= 0.739 PROB= 0.000 AT LAG 1
R= 0.657 PROB= 0.000 AT LAG 2
R= 0.638 PROB= 0.000 AT LAG 3
R= 0.552 PROB= 0.000 AT LAG 4
R= 0.481 PROB= 0.001 AT LAG 5
R= 0.440 PROB= 0.003 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7391 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER CL-D

MEAN= 0.7607 STANDARD DEVIATION= 0.3957

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.16416	0.71471	0.64656	44
0.09928	0.83286	0.56221	44
-0.91148	0.77323	0.48918	44
-1.16416	0.77229	0.41794	44
-1.16416	0.93389	0.27849	44
-1.41685	0.95616	0.26586	44
-1.16416	1.07274	0.19242	44
-0.65879	1.21842	0.08245	44
0.60466	1.26172	0.08780	44
1.36273	1.20465	0.10991	44
3.13155	1.34576	0.01595	44
0.35197	1.35757	0.00960	44

R= 0.647 PROB= 0.000 AT LAG 1
R= 0.562 PROB= 0.000 AT LAG 2
R= 0.489 PROB= 0.001 AT LAG 3
R= 0.418 PROB= 0.005 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6466 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER F -D

MEAN= 0.0800 STANDARD DEVIATION= 0.0232

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.29283	1.01636	0.53790	44
-1.29283	1.14246	0.41021	44
-0.00152	1.10325	0.45656	44
-0.81935	1.15547	0.34208	44
-0.81935	1.19582	0.25143	44
-0.86239	1.26676	0.16277	44
-1.29283	1.22196	0.15547	44
-0.86239	1.22609	0.09778	44
-1.29283	1.18946	0.10301	44
-0.00152	1.26576	0.01463	44
-0.43196	1.22869	0.04683	44
-0.86239	1.22099	0.03601	44

R= 0.538 PROB= 0.000 AT LAG 1
R= 0.410 PROB= 0.006 AT LAG 2
R= 0.457 PROB= 0.002 AT LAG 3
R= 0.342 PROB= 0.023 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5379 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER SIO2

MEAN= 6.5768 STANDARD DEVIATION= 0.8371

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.80849	0.61128	0.80768	44
-0.33063	0.66734	0.75488	44
-0.68902	0.72645	0.68317	44
-1.04741	0.87158	0.52337	44
-1.04741	0.95113	0.43151	44
-1.16688	1.06974	0.33995	44
-0.92795	1.21564	0.21112	44
0.38616	1.29146	0.16009	44
0.62509	1.34365	0.12056	44
0.62509	1.41295	0.04405	44
1.81974	1.45346	0.01845	44
0.74456	1.51134	-0.03783	44

R= 0.808 PROB= 0.000 AT LAG 1
R= 0.755 PROB= 0.000 AT LAG 2
R= 0.683 PROB= 0.000 AT LAG 3
R= 0.523 PROB= 0.000 AT LAG 4
R= 0.432 PROB= 0.003 AT LAG 5
R= 0.340 PROB= 0.024 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8077 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER SO4

MEAN= 48.0375 STANDARD DEVIATION= 14.4894

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.62373	0.58692	0.78247	44
0.20446	0.70699	0.71475	44
-0.20964	0.66887	0.69145	44
-0.58922	0.74892	0.60136	44
-0.58922	0.81673	0.53903	44
-0.38217	0.91541	0.46464	44
-0.41668	1.04581	0.36609	44
0.10094	1.12893	0.31743	44
0.72208	1.19730	0.26305	44
1.41224	1.22332	0.20947	44
2.99960	1.32035	0.13012	44
0.75659	1.33462	0.11812	44

R= 0.782 PROB= 0.000 AT LAG 1
R= 0.715 PROB= 0.000 AT LAG 2
R= 0.691 PROB= 0.000 AT LAG 3
R= 0.601 PROB= 0.000 AT LAG 4
R= 0.539 PROB= 0.000 AT LAG 5
R= 0.465 PROB= 0.001 AT LAG 6
R= 0.366 PROB= 0.015 AT LAG 7
R= 0.317 PROB= 0.036 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7825 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER NN-D

MEAN= 0.1881 STANDARD DEVIATION= 0.2288

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.60366	1.26586	0.36315	44
-0.22338	1.52572	0.07104	44
-0.43319	1.50259	0.09350	44
-0.30643	1.47761	0.11649	44
-0.30643	1.25313	0.36141	44
-0.48564	1.11655	0.48026	44
-0.17530	1.46316	0.11975	44
-0.28458	1.56078	-0.00309	44
-0.17093	1.54430	0.01041	44
-0.01795	1.55010	0.00232	44
-0.27584	1.55943	-0.01451	44
0.09132	1.43741	0.13413	44

R= 0.363 PROB= 0.015 AT LAG 1
R= 0.361 PROB= 0.016 AT LAG 5
R= 0.480 PROB= 0.001 AT LAG 6

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.4803 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER RNFL

MEAN= 33.3750 STANDARD DEVIATION= 76.1235

8 ZEROS OUT OF 56 VALUES = 14.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.42530	1.54470	0.04939	44
-0.37275	1.50101	0.09617	44
-0.32020	1.23580	0.38452	44
-0.34648	1.50903	0.08371	44
-0.34648	1.44822	0.15913	44
-0.37275	1.52371	0.06956	44
-0.43843	1.34457	0.26633	44
-0.30707	1.53320	0.04568	44
-0.43843	1.60418	-0.04505	44
-0.35961	1.43919	0.15426	44
-0.35961	1.47787	0.00356	44
-0.38589	1.40510	0.08856	44

R= 0.385 PROB= 0.010 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.3845 PROBABILITY =0.010

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER R-FL

MEAN= 167.2679 STANDARD DEVIATION= 78.8938

6 ZEROS OUT OF 56 VALUES = 10.7%

VALUE	REDUND.	ACF	#OBSERV.
-0.42168	0.92891	0.41248	44
-0.09212	1.23635	0.16740	44
-0.30760	1.42759	-0.06047	44
-0.37098	1.51933	-0.18361	44
-0.37098	1.46705	-0.07008	44
-0.30760	1.31498	0.15807	44
-2.12016	1.28321	0.17137	44
-0.04142	1.41274	0.04297	44
-2.12016	1.39112	0.04847	44
0.71909	1.50082	-0.08088	44
2.39223	1.58045	-0.16854	44
0.49094	1.59986	-0.18736	44

R= 0.412 PROB= 0.005 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4125 PROBABILITY =0.005

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9EA0001 PARAMETER RFNF

MEAN= 26.3571 STANDARD DEVIATION= 69.3765

18 ZEROS OUT OF 56 VALUES = 32.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.37991	1.54662	0.04818	44
-0.36550	1.53871	0.05217	44
-0.26460	1.23075	0.38735	44
-0.29343	1.51224	0.07520	44
-0.29343	1.51462	0.07339	44
-0.32226	1.54790	0.03561	44
-0.37991	1.33427	0.28027	44
-0.26460	1.53739	0.04323	44
-0.37991	1.60532	-0.04335	44
-0.37991	1.44345	0.14968	44
-0.37991	1.46273	0.00944	44
-0.32226	1.44127	0.03254	44

R= 0.387 PROB= 0.009 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.3874 PROBABILITY =0.009

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER R-FF

MEAN= 126.6786 STANDARD DEVIATION= 70.5202

6 ZEROS OUT OF 56 VALUES = 10.7%

VALUE	REDUND.	ACF	#OBSERV.
0.06128	0.99017	0.34729	44
0.37325	1.31416	0.07637	44
-0.02380	1.45232	-0.08060	44
-0.10888	1.53754	-0.20684	44
-0.10888	1.43362	-0.01986	44
0.10382	1.35958	0.10663	44
-1.79634	1.26991	0.19220	44
0.21726	1.40735	0.05831	44
-1.79634	1.40742	0.06954	44
0.95464	1.59573	-0.16701	44
2.85481	1.59701	-0.17652	44
0.50087	1.60947	-0.19262	44

R= 0.347 PROB= 0.021 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3473 PROBABILITY =0.021

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER AS-X

MEAN= 0.0005 STANDARD DEVIATION= 0.0008

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.46757	1.46566	0.14352	44
-0.22055	1.40058	0.07722	44
-0.22055	1.36282	0.11509	44
-0.22055	1.38840	0.08433	44
-0.22055	1.35861	0.11973	44
-0.22055	1.48271	-0.01932	44
-0.34406	1.40182	0.07498	44
-0.46757	1.37245	0.10208	44
-0.34406	1.41854	0.04882	44
-0.34406	1.50947	-0.06539	44
-0.34406	1.44048	0.00824	44
-0.46757	1.46412	-0.02194	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1435 PROBABILITY =0.353

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER SE-X

MEAN= 0.0005 STANDARD DEVIATION= 0.0002

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.53518	0.92227	0.59821	44
-0.95143	0.90067	0.58640	44
-0.53518	1.07415	0.43786	44
-1.78394	1.13650	0.34299	44
-1.78394	1.39050	0.07605	44
-1.78394	1.36766	0.08001	44
-0.53518	1.49557	-0.02879	44
-0.11892	1.52296	-0.05601	44
-0.95143	1.63277	-0.19135	44
0.29733	1.57257	-0.10772	44
-0.53518	1.65909	-0.23940	44
-0.95143	1.59742	-0.16640	44

R= 0.598 PROB= 0.000 AT LAG 1
R= 0.586 PROB= 0.000 AT LAG 2
R= 0.438 PROB= 0.003 AT LAG 3
R= 0.343 PROB= 0.023 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5982 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER N-TD

MEAN= 0.3128 STANDARD DEVIATION= 0.2892

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.67016	1.36623	0.23091	44
-0.88111	1.57071	-0.01711	44
0.50911	1.55963	0.00323	44
-0.41771	1.52396	0.04388	44
-0.41771	1.32740	0.25422	44
-0.28975	1.22140	0.36249	44
-0.12029	1.50125	0.05495	44
-0.40387	1.60615	-0.08212	44
-0.25517	1.59866	-0.07634	44
-0.14104	1.50049	0.04623	44
-0.18946	1.60740	-0.08462	44
-0.07188	1.43487	0.12667	44

R= 0.362 PROB= 0.016 AT LAG 6

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.3625 PROBABILITY =0.016

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9EA0001 PARAMETER P -T

MEAN= 0.0451 STANDARD DEVIATION= 0.1230

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.30971	1.51327	0.08598	44
-0.30971	1.53961	0.04851	44
-0.17148	1.32305	0.29608	44
-0.29345	1.54563	0.04022	44
-0.29345	1.53494	0.05595	44
-0.26905	1.59897	-0.02322	44
-0.26905	1.45433	0.14707	44
-0.30971	1.54953	0.02870	44
-0.33410	1.60628	-0.04383	44
-0.30158	1.59201	-0.02528	44
-0.35036	1.58639	-0.04001	44
-0.22027	1.56424	-0.00928	44

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.2961 PROBABILITY =0.051

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER TIC

MEAN= 22.5428 STANDARD DEVIATION= 6.6459

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.68355	0.65874	0.69643	44
0.06879	0.83170	0.62707	44
-0.68355	0.83090	0.57527	44
-0.68355	0.95862	0.44912	44
-0.68355	0.98022	0.42111	44
-0.83402	1.08876	0.33767	44
-0.68355	1.18936	0.25479	44
-0.23215	1.29674	0.15001	44
0.67066	1.37867	0.09696	44
0.97159	1.33232	0.12219	44
2.77720	1.40356	0.07705	44
-0.08168	1.45448	0.01839	44

R= 0.696 PROB= 0.000 AT LAG 1
R= 0.627 PROB= 0.000 AT LAG 2
R= 0.575 PROB= 0.000 AT LAG 3
R= 0.449 PROB= 0.002 AT LAG 4
R= 0.421 PROB= 0.004 AT LAG 5
R= 0.338 PROB= 0.025 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6964 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER TOC

MEAN= 5.8457 STANDARD DEVIATION= 4.9775

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.10963	0.93787	0.65511	44
-0.18999	1.11148	0.51130	44
-0.14981	1.35429	0.26490	44
-0.33062	1.43148	0.17621	44
-0.33062	1.42418	0.18041	44
-0.08954	1.53181	0.04263	44
-0.35071	1.57319	-0.01290	44
-0.27035	1.72504	-0.22356	44
-0.63198	1.74649	-0.25752	44
-0.27035	1.73632	-0.24600	44
-0.37080	1.63653	-0.11529	44
-0.18999	1.64166	-0.13221	44

R= 0.655 PROB= 0.000 AT LAG 1
R= 0.511 PROB= 0.000 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6551 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO8EA0001 PARAMETER CD-T

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	0.0	-0.00660	44
-0.13363	0.0	-0.00953	44
-0.13363	0.0	-0.01434	44
-0.13363	0.0	-0.01628	44
-0.13363	0.0	-0.01652	44
-0.13363	1.12815	-0.01935	44
7.34969	1.12815	-0.00251	44
-0.13363	1.12815	-0.00666	44
-0.13363	1.12815	-0.00760	44
-0.13363	1.12815	-0.00772	44
-0.13363	1.12815	-0.00567	44
-0.13363	1.12815	-0.00630	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= -0.0025 PROBABILITY =0.987

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER CU-T

MEAN= 0.0039 STANDARD DEVIATION= 0.0043

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.20093	1.37009	0.23694	44
-0.66977	1.47076	0.11297	44
-0.20093	1.37645	0.21920	44
-0.20093	1.34710	0.25212	44
-0.20093	1.49518	0.08024	44
-0.66977	1.51014	0.01123	44
-0.43535	1.38820	0.15339	44
-0.43535	1.54449	-0.03697	44
-0.66977	1.50642	0.00539	44
-0.20093	1.59540	-0.10568	44
0.03349	1.43683	0.07033	44
-0.20093	1.29896	0.21674	44

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2521 PROBABILITY =0.099

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9EA0001 PARAMETER FE-T

MEAN= 0.8394 STANDARD DEVIATION= 1.8543

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.29626	1.36921	0.25166	44
-0.39333	1.41264	0.18862	44
-0.19919	1.27188	0.34065	44
-0.35019	1.46424	0.12942	44
-0.35019	1.46440	0.12440	44
-0.31244	1.57938	-0.01940	44
-0.27469	1.37971	0.21881	44
-0.41491	1.45865	0.12346	44
-0.42030	1.53197	0.03406	44
-0.42030	1.54698	0.00591	44
-0.42569	1.51828	-0.00308	44
-0.40951	1.48900	0.03224	44

R= 0.341 PROB= 0.024 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.3407 PROBABILITY =0.024

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER PB-T

MEAN= 0.0030 STANDARD DEVIATION= 0.0027

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
0.01335	1.25581	0.29397	44
-0.73396	1.44387	0.09481	44
0.01335	1.41837	0.15614	44
-0.73396	1.42618	0.12981	44
-0.73396	1.34488	0.19354	44
0.01335	1.50626	0.01586	44
0.01335	1.34370	0.22581	44
-0.36031	1.40827	0.12770	44
-0.36031	1.53856	-0.00322	44
1.13432	1.58529	-0.08814	44
-0.73396	1.50836	-0.09656	44
-0.36031	1.38326	0.04397	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2940 PROBABILITY =0.053

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER MN-T

MEAN= 0.0309 STANDARD DEVIATION= 0.0630

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.33166	1.49931	0.10398	44
-0.33166	1.51243	0.08290	44
-0.17292	1.30926	0.31302	44
-0.33166	1.54706	0.03934	44
-0.33166	1.48704	0.11231	44
-0.17292	1.57167	0.00553	44
-0.17292	1.49319	0.10502	44
-0.17292	1.56675	0.01289	44
-0.17292	1.61747	-0.05514	44
-0.33166	1.59572	-0.02969	44
-0.33166	1.60199	-0.04981	44
-0.33166	1.56656	-0.00435	44

R= 0.313 PROB= 0.039 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.3130 PROBABILITY =0.039

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYT39EA0001 PARAMETER HG-T

MEAN= 0.0495 STANDARD DEVIATION= 0.0171

3 ZEROS OUT OF 56 VALUES = 5.4%

VALUE	REDUND.	ACF	#OBSERV.
0.03135	1.50632	-0.06130	44
0.03135	1.40489	0.05643	44
0.03135	1.31342	0.16007	44
0.03135	1.50632	-0.06253	44
0.03135	1.45382	0.00095	44
0.03135	1.51916	-0.00101	44
-2.89228	1.51916	0.00245	44
0.03135	1.38540	0.15619	44
0.03135	1.51916	-0.00050	44
0.03135	1.51916	-0.00005	44
0.03135	1.38540	0.15500	44
0.03135	1.56948	-0.06180	44

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1601 PROBABILITY =0.299

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9EAOOO1 PARAMETER ZN-T

MEAN= 0.0125 STANDARD DEVIATION= 0.0248

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.46242	1.55278	-0.02114	44
-0.42215	1.57027	-0.06370	44
-0.46242	1.53527	-0.02610	44
0.70550	1.57655	-0.08452	44
0.70550	1.49611	0.04502	44
-0.46242	1.26433	0.29024	44
0.18195	1.57629	-0.02501	44
-0.46242	1.59635	-0.04980	44
-0.46242	1.59297	-0.08117	44
-0.26106	1.61946	-0.11457	44
0.06113	1.50350	0.03352	44
1.51097	1.60687	-0.08521	44

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.2902 PROBABILITY =0.056

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER T-AF

MEAN= -2.8589 STANDARD DEVIATION= 14.9540

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
0.62585	0.73396	0.69051	44
1.22769	0.74923	0.67054	44
0.88665	0.68237	0.71233	44
0.75959	0.87209	0.54502	44
0.19118	0.78425	0.57810	44
0.62585	0.97783	0.41166	44
0.02400	1.08694	0.31895	44
-1.48061	0.93714	0.42619	44
0.32493	1.17097	0.22581	44
-1.17969	1.25467	0.15366	44
-1.48061	1.26999	0.17281	44
-0.94564	1.38191	0.05469	44

R= 0.691 PROB= 0.000 AT LAG 1
R= 0.671 PROB= 0.000 AT LAG 2
R= 0.712 PROB= 0.000 AT LAG 3
R= 0.545 PROB= 0.000 AT LAG 4
R= 0.578 PROB= 0.000 AT LAG 5
R= 0.412 PROB= 0.005 AT LAG 6
R= 0.319 PROB= 0.035 AT LAG 7
R= 0.426 PROB= 0.004 AT LAG 8

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.7123 PROBABILITY =0 000

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

00YT09DD0001 PARAMETER T-WF

MEAN= 3.6875 STANDARD DEVIATION= 2.2250

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
2.83709	0.28746	0.86575	44
2.83709	0.40794	0.69780	44
1.93821	0.50590	0.53294	44
1.71349	0.56891	0.37563	44
-0.08427	0.64279	0.29794	44
-0.30899	0.66732	0.23442	44
-0.75843	0.72264	0.19622	44
-0.75843	0.76657	0.16108	44
-0.53371	0.89824	0.10532	44
-0.75843	1.01464	0.06600	44
-0.75843	1.17698	0.02651	44
-0.75843	1.32773	-0.02890	44

R= 0.866 PROB= 0.000 AT LAG 1
R= 0.698 PROB= 0.000 AT LAG 2
R= 0.533 PROB= 0.000 AT LAG 3
R= 0.376 PROB= 0.012 AT LAG 4
R= 0.298 PROB= 0.049 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8657 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER PH-F

MEAN= 7.4128 STANDARD DEVIATION= 1.0392

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.66671	1.08057	0.05288	44
0.37258	1.08262	0.02391	44
1.14242	1.08630	0.02740	44
0.66127	1.08950	0.02529	44
-0.01234	1.08921	0.01212	44
0.56504	1.09220	0.00678	44
0.27635	1.09374	0.01426	44
-0.10857	1.10503	0.01192	44
-0.10857	1.10826	0.01221	44
-0.20480	1.11518	0.00693	44
0.27635	1.13101	-0.00688	44
0.18012	1.16365	-0.03192	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0529 PROBABILITY =0.733

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

00YT09DD0001 PARAMETER T-WL

MEAN= 21.2820 STANDARD DEVIATION= 2.0862

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.05654	0.62277	0.13527	44
0.20034	0.80470	0.17233	44
-0.13520	0.88029	-0.01915	44
0.29621	0.90877	0.05146	44
0.39209	0.87776	0.02766	44
0.72763	1.28174	-0.01595	44
-5.74354	1.09260	0.15393	44
-0.03933	1.13758	0.11507	44
-1.04595	1.13270	0.12027	44
0.20034	1.24059	0.01366	44
-0.08726	1.21309	0.02911	44
-0.03933	1.22904	0.01052	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.1723 PROBABILITY =0.263

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER PH-L

MEAN= 7.9044 STANDARD DEVIATION= 0.2159

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.95206	1.00448	0.54545	44
0.44265	1.17708	0.40015	44
0.39633	1.14773	0.41681	44
0.44265	1.22328	0.31789	44
-0.48357	1.33201	0.21208	44
-0.02047	1.29584	0.20751	44
0.21109	1.45111	0.04741	44
-0.02047	1.52201	-0.04737	44
0.21109	1.48882	-0.00965	44
-0.02047	1.46890	0.01821	44
0.67420	1.56077	-0.11079	44
-0.48357	1.46643	-0.01077	44

R= 0.545 PROB= 0.000 AT LAG 1
R= 0.400 PROB= 0.007 AT LAG 2
R= 0.417 PROB= 0.005 AT LAG 3
R= 0.318 PROB= 0.035 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5454 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER SC-L

MEAN= 295.8589 STANDARD DEVIATION= 92.1518

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.41843	0.71963	0.65330	44
-0.31859	0.84517	0.39452	44
-0.27844	0.84934	0.34001	44
-0.15148	1.01524	0.29550	44
-0.60399	1.29506	0.10820	44
-0.35549	1.32628	0.06306	44
0.07424	1.35773	0.01488	44
3.04216	1.42843	-0.04652	44
2.85552	1.45830	-0.06354	44
0.40304	1.46514	-0.07066	44
0.04494	1.46752	-0.08264	44
0.12090	1.49624	-0.11672	44

R= 0.653 PROB= 0.000 AT LAG 1
R= 0.395 PROB= 0.008 AT LAG 2
R= 0.340 PROB= 0.024 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6533 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER TURB

MEAN= 10.3571 STANDARD DEVIATION= 27.1485

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.28573	1.29084	0.34262	44
-0.17523	1.40593	0.21204	44
-0.27100	1.41137	0.20383	44
-0.22864	1.44216	0.16613	44
-0.20469	1.52233	0.06627	44
-0.32993	1.45446	0.14519	44
-0.30230	1.36809	0.24017	44
-0.14944	1.55948	0.01478	44
-0.24337	1.62634	-0.07183	44
-0.35682	1.64305	-0.09548	44
-0.37192	1.65041	-0.10661	44
-0.36345	1.63917	-0.09387	44

R= 0.343 PROB= 0.023 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3426 PROBABILITY =0.023

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER COLR

MEAN= 14.6964 STANDARD DEVIATION= 21.1728

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.01434	0.70321	0.79516	44
0.10880	1.09529	0.50427	44
-0.45797	1.30209	0.31205	44
-0.31627	1.44544	0.15352	44
0.15603	1.56015	0.00687	44
-0.36351	1.59682	-0.03672	44
-0.31627	1.60164	-0.03808	44
0.01434	1.63987	-0.09204	44
0.15603	1.66531	-0.13000	44
-0.36351	1.65194	-0.11433	44
-0.31627	1.64955	-0.11056	44
-0.36351	1.66789	-0.13647	44

R= 0.795 PROB= 0.000 AT LAG 1
R= 0.504 PROB= 0.000 AT LAG 2
R= 0.312 PROB= 0.039 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7952 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER ALKP

MEAN= 0.0089 STANDARD DEVIATION= 0.0668

55 ZEROS OUT OF 56 VALUES = 98.2%

VALUE	REDUND.	ACF	#OBSERV.
-0.13363	1.59545	-0.00405	44
-0.13363	1.59545	-0.00966	44
-0.13363	1.59545	-0.01348	44
-0.13363	1.59545	-0.01669	44
-0.13363	1.59545	-0.01968	44
-0.13363	1.59545	-0.02080	44
-0.13363	1.59545	-0.02115	44
-0.13363	1.59545	-0.02245	44
-0.13363	1.59545	-0.02347	44
-0.13363	1.59545	-0.02351	44
-0.13363	1.59545	-0.02376	44
-0.13363	1.59545	-0.02456	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= -0.0040 PROBABILITY =0.979

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER ALKT

MEAN= 112.7976 STANDARD DEVIATION= 41.7610

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.42378	0.80696	0.58151	44
-0.45491	0.91838	0.34352	44
-0.31842	0.89806	0.32214	44
-0.33997	1.02377	0.28818	44
-0.59380	1.31483	0.07443	44
-0.38547	1.32452	0.05190	44
-0.26574	1.36161	0.00093	44
2.96455	1.43180	-0.05461	44
2.61973	1.46008	-0.07048	44
0.34967	1.46096	-0.07293	44
0.02161	1.46968	-0.08685	44
0.11739	1.48828	-0.11121	44

R= 0.582 PROB= 0.000 AT LAG 1
R= 0.344 PROB= 0.022 AT LAG 2
R= 0.322 PROB= 0.033 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5815 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER HARD

MEAN= 157.8372 STANDARD DEVIATION= 53.7988

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.37988	0.73858	0.61952	44
-0.31297	0.84407	0.36832	44
-0.22746	0.84160	0.32943	44
-0.22560	1.00484	0.28279	44
-0.47840	1.30506	0.08488	44
-0.27951	1.32311	0.05752	44
-0.17356	1.35160	0.01251	44
3.25403	1.42341	-0.05061	44
2.86368	1.45018	-0.06591	44
0.46029	1.45346	-0.07023	44
0.06622	1.45467	-0.07914	44
0.13686	1.48246	-0.11401	44

R= 0.620 PROB= 0.000 AT LAG 1
R= 0.368 PROB= 0.014 AT LAG 2
R= 0.329 PROB= 0.029 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6195 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DDOOO: PARAMETER CA-D

MEAN= 43.3374 STANDARD DEVIATION= 15.2764

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.30357	0.86325	0.54213	44
-0.36248	0.92569	0.32263	44
-0.22501	0.90543	0.30028	44
0.02374	1.03144	0.28236	44
-0.49995	1.30227	0.09612	44
-0.32320	1.30712	0.06965	44
-0.17919	1.32500	0.04041	44
3.19201	1.42131	-0.04689	44
2.69452	1.44967	-0.06868	44
0.39686	1.44878	-0.06957	44
0.04337	1.45047	-0.07758	44
0.11538	1.47601	-0.11088	44

R= 0.542 PROB= 0.000 AT LAG 1
R= 0.323 PROB= 0.033 AT LAG 2
R= 0.300 PROB= 0.048 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5421 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER MG-D

MEAN= 12.0535 STANDARD DEVIATION= 4.2859

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.50246	0.78130	0.61068	44
-0.17581	0.91009	0.35464	44
-0.19914	0.95130	0.29185	44
-0.73578	1.07939	0.20041	44
-0.38580	1.32709	0.03858	44
-0.15248	1.35248	0.03294	44
-0.15248	1.39768	-0.03496	44
3.02069	1.41298	-0.04549	44
2.90403	1.43879	-0.04883	44
0.50082	1.45091	-0.06063	44
0.08084	1.44647	-0.06404	44
0.15084	1.47234	-0.09392	44

R= 0.611 PROB= 0.000 AT LAG 1
R= 0.355 PROB= 0.018 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6107 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER K -D

MEAN= 0.7732 STANDARD DEVIATION= 0.3048

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.89634	1.24437	0.27264	44
-0.89634	1.38133	0.05663	44
-0.56827	1.40503	0.04088	44
-1.22442	1.36261	0.07001	44
-0.89634	1.41024	0.00664	44
-0.56827	1.33906	0.08730	44
-0.89634	1.33632	0.05776	44
1.40020	1.39892	0.01189	44
1.07212	1.39191	0.03765	44
-0.89634	1.37511	0.03849	44
-0.56827	1.43176	-0.03217	44
-0.24019	1.30951	0.09111	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2726 PROBABILITY =0.073

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER NA-D

MEAN= 2.2161 STANDARD DEVIATION= 0.8422

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.49400	0.50785	0.64625	44
0.81204	0.67331	0.39523	44
-0.25654	0.74900	0.32152	44
-0.49400	0.91812	0.23669	44
-0.61273	1.11996	0.18872	44
-0.13781	1.12780	0.26674	44
-0.25654	1.15835	0.19073	44
3.89905	1.19792	0.12530	44
2.83047	1.20366	0.14646	44
0.33712	1.19497	0.14707	44
0.57458	1.17005	0.16866	44
0.45585	1.15766	0.18022	44

R= 0.646 PROB= 0.000 AT LAG 1
R= 0.395 PROB= 0.008 AT LAG 2
R= 0.322 PROB= 0.033 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6463 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER CL-D

MEAN= 1.4018 STANDARD DEVIATION= 1.2948

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.92815	1.10902	0.47341	44
0.38478	1.19561	0.40053	44
-0.77369	1.28691	0.29678	44
-0.77369	1.25480	0.32039	44
-0.85092	1.47701	0.04007	44
-0.69645	1.52083	-0.01201	44
-0.69645	1.47848	0.02735	44
-0.23307	1.50091	-0.01150	44
-0.15584	1.52927	-0.04172	44
-0.54199	1.54198	-0.06365	44
-0.31030	1.51851	-0.03149	44
-0.31030	1.55681	-0.08022	44

R= 0.473 PROB= 0.001 AT LAG 1
R= 0.401 PROB= 0.007 AT LAG 2
R= 0.320 PROB= 0.034 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4734 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER F -D

MEAN= 0.0798 STANDARD DEVIATION= 0.0269

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.10896	1.20840	0.33429	44
-1.10896	1.45617	0.05795	44
-0.17928	1.32267	0.20621	44
-0.69990	1.23149	0.26424	44
-1.10896	1.28685	0.04802	44
-1.03458	1.25287	0.05898	44
-1.10896	1.12658	0.16654	44
0.37852	1.35934	-0.05041	44
0.00665	1.40974	-0.11933	44
-0.36522	1.41878	-0.13296	44
0.37852	1.35544	-0.04891	44
-1.10896	1.46768	-0.20418	44

R= 0.334 PROB= 0.027 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3343 PROBABILITY =0.027

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER SIO2

MEAN= 5.3643 STANDARD DEVIATION= 1.4156

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.75180	0.89480	0.44691	44
-0.68116	0.85368	0.23116	44
-0.75180	0.98845	0.11066	44
-0.75180	0.99553	0.16719	44
-0.53988	1.31239	-0.05761	44
-0.61052	1.29306	-0.04250	44
-0.46924	1.35670	-0.11439	44
3.55726	1.36200	-0.08177	44
3.06278	1.40991	-0.09868	44
0.16653	1.40963	-0.09541	44
0.02525	1.39812	-0.08227	44
0.02525	1.40164	-0.08778	44

R= 0.447 PROB= 0.002 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4469 PROBABILITY =0.002

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER SO4

MEAN= 43.3553 STANDARD DEVIATION= 13.2202

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.02688	0.55028	0.67541	44
0.04876	0.60925	0.41887	44
0.20005	0.74448	0.28830	44
0.04876	0.93777	0.24995	44
-0.06470	1.23126	0.16048	44
-0.10252	1.24365	0.14546	44
0.12440	1.26007	0.11223	44
4.13342	1.30346	0.06410	44
3.07443	1.32894	0.03706	44
0.72954	1.35764	0.00637	44
0.04876	1.34713	0.00319	44
0.04876	1.41634	-0.07417	44

R= 0.675 PROB= 0.000 AT LAG 1
R= 0.419 PROB= 0.005 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6754 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER NN-D

MEAN= 0.1512 STANDARD DEVIATION= 0.1062

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.27268	1.33766	0.25595	44
-0.67021	1.62754	-0.11252	44
-0.96203	1.48737	0.04438	44
-1.14089	1.16682	0.23360	44
-0.92438	1.26407	0.12614	44
-0.85848	1.43662	-0.07236	44
-0.57608	1.51604	-0.17997	44
0.50649	1.43877	-0.08888	44
0.46884	1.28978	0.09592	44
-0.24660	1.42657	-0.05259	44
0.07346	1.47017	-0.10744	44
-0.18070	1.49646	-0.12973	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2559 PROBABILITY =0.094

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER RNFL

MEAN= 32.3261 STANDARD DEVIATION= 76.7852

6 ZEROS OUT OF 56 VALUES = 10.7%

VALUE	REDUND.	ACF	#OBSERV.
-0.31681	1.40553	0.20410	44
-0.26471	1.54634	0.03039	44
-0.30378	1.29948	0.31484	44
-0.35588	1.21076	0.40191	44
-0.22564	1.48481	0.10841	44
-0.42099	1.55936	0.01297	44
-0.36890	1.50253	0.07847	44
0.25622	1.51338	0.06957	44
-0.42099	1.62114	-0.06374	44
-0.29076	1.59873	-0.03898	44
-0.29076	1.63309	-0.08518	44
-0.36890	1.62013	-0.07004	44

R= 0.315 PROB= 0.037 AT LAG 3
R= 0.402 PROB= 0.007 AT LAG 4

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.4019 PROBABILITY =0.007

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER R-FL

MEAN= 185.0179 STANDARD DEVIATION= 91.3416

5 ZEROS OUT OF 56 VALUES = 8.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.30674	0.93150	0.39964	44
-0.16441	1.13796	0.08198	44
-0.24105	1.20104	0.22313	44
-0.56949	1.27214	0.19178	44
-0.58043	1.23506	0.16863	44
-2.02556	1.28132	0.09472	44
-0.14252	1.39373	0.01252	44
1.71863	1.45805	-0.04080	44
-2.02556	1.46360	-0.05022	44
-1.19352	1.41989	-0.00695	44
0.73331	1.46318	-0.05618	44
0.62384	1.53928	-0.14370	44

R= 0.400 PROB= 0.007 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3996 PROBABILITY =0.007

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER RFNF

MEAN= 29.6250 STANDARD DEVIATION= 75.2732

18 ZEROS OUT OF 56 VALUES = 32.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.30057	1.43926	0.17256	44
-0.28729	1.56602	0.01230	44
-0.28729	1.35557	0.25909	44
-0.36700	1.26488	0.35101	44
-0.35371	1.50905	0.07980	44
-0.39357	1.58661	-0.01934	44
-0.39357	1.55135	0.02070	44
0.08469	1.54656	0.02613	44
-0.39357	1.64460	-0.10056	44
-0.39357	1.62584	-0.07697	44
-0.39357	1.43178	0.15815	44
-0.36700	1.65078	-0.11480	44

R= 0.351 PROB= 0.019 AT LAG 4

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.3510 PROBABILITY =0.019

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER R-FF

MEAN= 141.1964 STANDARD DEVIATION= 84.0131

5 ZEROS OUT OF 56 VALUES = 8.9%

VALUE	REDUND.	ACF	#OBSERV.
0.12859	1.03992	0.30272	44
0.05718	1.29992	-0.05857	44
0.03337	1.33071	0.11430	44
-0.41894	1.35831	0.12058	44
-0.33562	1.45150	-0.04578	44
-1.68065	1.46000	-0.06936	44
0.20001	1.43239	-0.00277	44
2.05686	1.50506	-0.08593	44
-1.68065	1.49672	-0.06727	44
-0.91886	1.43874	0.00535	44
1.19985	1.46636	-0.02467	44
0.89038	1.50396	-0.07627	44

R= 0.303 PROB= 0.046 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3027 PROBABILITY =0.046

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER AS-X

MEAN= 0.0006 STANDARD DEVIATION= 0.0006

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.43514	0.96581	0.62053	44
-0.59979	1.12549	0.46874	44
-0.27049	1.17687	0.41912	44
-0.27049	1.32674	0.27039	44
-0.43514	1.41809	0.16879	44
-0.43514	1.54194	0.01685	44
-0.27049	1.58470	-0.04517	44
0.38810	1.61417	-0.08110	44
0.22345	1.62955	-0.09512	44
0.22345	1.65952	-0.13051	44
-0.43514	1.67320	-0.15094	44
-0.27049	1.63389	-0.10167	44

R= 0.621 PROB= 0.000 AT LAG 1
R= 0.469 PROB= 0.001 AT LAG 2
R= 0.419 PROB= 0.005 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6205 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER SE-X

MEAN= 0.0009 STANDARD DEVIATION= 0.0007

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.76798	1.33814	0.18278	44
-0.62070	1.39001	0.11095	44
-0.47341	1.48119	-0.00548	44
-1.20983	1.22645	0.24197	44
-1.20983	1.37575	-0.07444	44
-0.91526	1.49378	-0.21822	44
-0.91526	1.36351	-0.07380	44
0.11573	1.28917	0.01852	44
-0.17884	1.28917	0.01896	44
-0.03156	1.35498	-0.04853	44
-0.03156	1.25290	0.04940	44
-0.76798	1.23287	0.06484	44

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2420 PROBABILITY =0.114

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER N-TD

MEAN= 0.2909 STANDARD DEVIATION= 0.1270

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.62851	1.37683	0.16605	44
-0.92003	1.51620	-0.03649	44
-0.89642	1.48255	-0.00670	44
-1.61277	1.16348	0.20106	44
-1.13258	1.34604	0.00240	44
-0.69962	1.31911	0.01342	44
0.00886	1.31605	-0.01175	44
0.96925	1.31028	0.01642	44
0.42608	1.34803	0.01951	44
-0.67600	1.43683	-0.10798	44
0.51267	1.47246	-0.13368	44
0.07184	1.53664	-0.18623	44

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2011 PROBABILITY =0.191

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER SE-X

MEAN= 0.0009 STANDARD DEVIATION= 0.0007

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.76798	1.33814	0.18278	44
-0.62070	1.39001	0.11095	44
-0.47341	1.48119	-0.00548	44
-1.20983	1.22645	0.24197	44
-1.20983	1.37575	-0.07444	44
-0.91526	1.49378	-0.21822	44
-0.91526	1.36351	-0.07380	44
0.11573	1.28917	0.01852	44
-0.17884	1.28917	0.01896	44
-0.03156	1.35498	-0.04853	44
-0.03156	1.25290	0.04940	44
-0.76798	1.23287	0.06484	44

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2420 PROBABILITY =0.114

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER N-TD

MEAN= 0.2909 STANDARD DEVIATION= 0.1270

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.62851	1.37683	0.16605	44
-0.92003	1.51620	-0.03649	44
-0.89642	1.48255	-0.00670	44
-1.61277	1.16348	0.20106	44
-1.13258	1.34604	0.00240	44
-0.69962	1.31911	0.01342	44
0.00886	1.31605	-0.01175	44
0.96925	1.31028	0.01642	44
0.42608	1.34803	0.01951	44
-0.67600	1.43683	-0.10798	44
0.51267	1.47246	-0.13368	44
0.07184	1.53664	-0.18623	44

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2011 PROBABILITY =0.191

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER P -T

MEAN= 0.0442 STANDARD DEVIATION= 0.0756

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.37266	1.08344	0.52704	44
-0.20073	1.29589	0.31821	44
-0.43878	1.07312	0.52591	44
-0.38588	1.24455	0.36858	44
-0.42556	1.40659	0.19112	44
-0.37266	1.47504	0.11240	44
-0.42556	1.49102	0.09141	44
-0.05526	1.54317	0.02816	44
-0.14783	1.60966	-0.05591	44
-0.35943	1.63616	-0.09455	44
-0.35943	1.66856	-0.13868	44
-0.47846	1.68513	-0.16555	44

R= 0.527 PROB= 0.000 AT LAG 1
R= 0.318 PROB= 0.035 AT LAG 2
R= 0.526 PROB= 0.000 AT LAG 3
R= 0.369 PROB= 0.014 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5270 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER TIC

MEAN= 28.5714 STANDARD DEVIATION= 10.7701

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.61016	0.78474	0.61200	44
-0.42446	0.88992	0.39365	44
-0.42446	0.97733	0.29249	44
-0.42446	1.07033	0.27944	44
-0.70300	1.22693	0.16234	44
-0.42446	1.32970	0.05221	44
-0.42446	1.33154	0.03606	44
2.26819	1.36094	0.01797	44
3.01098	1.39654	0.00665	44
0.31834	1.43822	-0.04140	44
0.22549	1.45555	-0.06370	44
-0.05306	1.47328	-0.08666	44

R= 0.612 PROB= 0.000 AT LAG 1
R= 0.394 PROB= 0.008 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6120 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOVT09500001 PARAMETER TOC

MEAN= 5.7444 STANDARD DEVIATION= 4.4728

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.27822	0.86416	0.58458	44
-0.30058	1.10902	0.38724	44
0.25835	1.40866	0.06577	44
0.30307	1.50607	-0.03080	44
-0.05465	1.61860	-0.11604	44
0.05714	1.55245	-0.06935	44
-0.23351	1.55459	-0.07812	44
2.29288	1.56809	-0.08486	44
-0.32294	1.61752	-0.14448	44
-0.45708	1.64628	-0.18618	44
-0.68066	1.61262	-0.14553	44
-0.43473	1.61886	-0.16258	44

R= 0.585 PROB= 0.000 AT LAG 1
R= 0.387 PROB= 0.009 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5846 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER CD-T

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

54 ZEROS OUT OF 56 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.19072	0.0	-0.02707	44
-0.19072	0.0	0.48719	44
-0.19072	0.0	-0.03783	44
5.14955	0.0	-0.02172	44
-0.19072	0.0	-0.02394	44
5.14955	0.0	-0.00523	44
-0.19072	0.80508	-0.00605	44
-0.19072	0.80508	-0.00683	44
-0.19072	1.13855	-0.00858	44
-0.19072	1.13855	-0.01000	44
-0.19072	1.13855	-0.00992	44
-0.19072	1.13855	-0.01089	44

R= 0.487 PROB= 0.001 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4872 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

00YT09DD0001 PARAMETER CU-T

MEAN= 0.0292 STANDARD DEVIATION= 0.0674

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.37380	1.27043	0.34562	44
-0.38863	1.30933	0.31208	44
-0.37380	1.52383	0.05681	44
-0.37380	1.42261	0.17795	44
-0.38863	1.49024	0.09790	44
-0.41830	1.66707	-0.12712	44
-0.38863	1.46347	0.12471	44
-0.38863	1.50169	0.07665	44
0.16028	1.39703	0.19937	44
-0.34413	1.66316	-0.12877	44
-0.40347	1.65703	-0.12327	44
-0.37380	1.66574	-0.13741	44

R= 0.346 PROB= 0.022 AT LAG 1
R= 0.312 PROB= 0.039 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3456 PROBABILITY =0.022

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER FE-T

MEAN= 1.0349 STANDARD DEVIATION= 1.5536

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.46658	1.05572	0.53033	44
0.04190	1.02829	0.54296	44
-0.51164	1.04810	0.52539	44
-0.42797	1.16077	0.42781	44
-0.44727	1.24119	0.34371	44
-0.34429	1.33733	0.24073	44
-0.40866	1.39913	0.17611	44
-0.08683	1.45562	0.11887	44
0.10626	1.57070	-0.02750	44
0.74991	1.63052	-0.10232	44
-0.55026	1.64475	-0.12083	44
-0.59531	1.65390	-0.14545	44

R= 0.530 PROB= 0.000 AT LAG 1
R= 0.543 PROB= 0.000 AT LAG 2
R= 0.525 PROB= 0.000 AT LAG 3
R= 0.428 PROB= 0.004 AT LAG 4
R= 0.344 PROB= 0.022 AT LAG 5

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.5430 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

00Y1O9DD0001 PARAMETER PB-T

MEAN= 0.0052 STANDARD DEVIATION= 0.0046

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.47805	1.12670	0.18518	44
-0.47805	1.25664	0.03927	44
-0.25862	1.49525	-0.11945	44
-0.91692	1.49269	-0.14701	44
-0.91692	1.42441	-0.09451	44
-0.69749	1.34172	-0.01067	44
-0.47805	1.18262	0.18536	44
-0.69749	1.36477	-0.01961	44
-0.25862	1.23601	0.11381	44
3.03291	1.46531	-0.10792	44
-0.47805	1.46829	-0.11385	44
-0.25862	1.46456	-0.11010	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.1854 PROBABILITY =0.228

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

00YT09DD0001 PARAMETER MN-T

MEAN= 0.0424 STANDARD DEVIATION= 0.0435

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.74399	0.95010	0.60961	44
-0.05419	1.23153	0.33611	44
-0.74399	1.06920	0.45006	44
-0.51406	1.04246	0.48201	44
-0.74399	1.27777	0.27250	44
-0.51406	1.43685	0.10510	44
-0.28412	1.42998	0.12204	44
0.40567	1.42307	0.12348	44
0.86553	1.47579	0.07383	44
-0.05419	1.59791	-0.07967	44
-0.51406	1.62105	-0.10720	44
-0.74399	1.57435	-0.05397	44

R= 0.610 PROB= 0.000 AT LAG 1
R= 0.336 PROB= 0.026 AT LAG 2
R= 0.450 PROB= 0.002 AT LAG 3
R= 0.482 PROB= 0.001 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6096 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9DDOOO1 PARAMETER HG-T

MEAN= 0.0766 STANDARD DEVIATION= 0.1807

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.14727	1.59811	-0.01139	44
-0.14727	1.59811	-0.01676	44
-0.14727	1.53205	0.06763	44
-0.14727	1.59888	-0.01562	44
-0.14727	1.59678	-0.01715	44
-0.14727	1.59709	-0.02098	44
-0.14727	1.58057	-0.00006	44
-0.14727	1.56863	0.01461	44
0.01878	1.59983	-0.02579	44
-0.14727	1.59739	-0.02586	44
-0.14727	1.59744	-0.02681	44
-0.14727	1.62745	-0.06495	44

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.0676 PROBABILITY =0.663

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9DD0001 PARAMETER ZN-T

MEAN= 0.0337 STANDARD DEVIATION= 0.0343

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.77991	1.28988	0.20151	44
-0.75074	1.29951	0.17323	44
-0.98414	1.37328	0.11754	44
-0.54651	1.18889	0.32421*	44
-0.10888	1.38197	0.04389	44
-0.80909	1.42162	-0.02758	44
-0.83826	1.39736	0.01072	44
-0.72156	1.42923	-0.03978	44
1.05813	1.33503	0.07403	44
-0.51734	1.49750	-0.11421	44
-0.80909	1.46377	-0.08472	44
0.18287	1.46828	-0.08475	44

R= 0.324 PROB= 0.032 AT LAG 4

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.3242 PROBABILITY =0.032

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER T-AF

MEAN= 1.4286 STANDARD DEVIATION= 15.2576

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
1.15165	0.67188	0.73126	44
1.54490	0.61053	0.73159	44
0.75840	0.56803	0.74428	44
0.69286	0.78182	0.58678	44
0.10299	0.73177	0.57563	44
0.88949	0.79984	0.46843	44
-0.22471	0.99038	0.35258	44
-1.27337	0.89266	0.40909	44
0.16853	1.08399	0.23655	44
-1.40445	1.17451	0.16059	44
-1.53553	1.19188	0.20328	44
-1.27337	1.36696	0.05662	44

R= 0.731 PROB= 0.000 AT LAG 1
R= 0.732 PROB= 0.000 AT LAG 2
R= 0.744 PROB= 0.000 AT LAG 3
R= 0.587 PROB= 0.000 AT LAG 4
R= 0.576 PROB= 0.000 AT LAG 5
R= 0.468 PROB= 0.001 AT LAG 6
R= 0.353 PROB= 0.019 AT LAG 7
R= 0.409 PROB= 0.006 AT LAG 8

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.7443 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER T-WF

MEAN= 4.5179 STANDARD DEVIATION= 4.2990

5 ZEROS OUT OF 56 VALUES = 8.9%

VALUE	REDUND.	ACF	#OBSERV.
1.27521	0.73223	0.75142	44
1.97305	0.82240	0.62103	44
1.04260	0.88228	0.54636	44
0.11215	0.81263	0.56596	44
-0.35307	0.92780	0.44312	44
-0.12046	0.93045	0.39579	44
-0.58568	0.95039	0.36178	44
-0.81829	0.96992	0.28177	44
-0.35307	1.01089	0.17230	44
-0.58568	1.09708	0.11532	44
-1.05091	1.16345	0.12810	44
-1.05091	1.27298	0.05676	44

R= 0.751 PROB= 0.000 AT LAG 1
R= 0.621 PROB= 0.000 AT LAG 2
R= 0.546 PROB= 0.000 AT LAG 3
R= 0.566 PROB= 0.000 AT LAG 4
R= 0.443 PROB= 0.003 AT LAG 5
R= 0.396 PROB= 0.008 AT LAG 6
R= 0.362 PROB= 0.016 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7514 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER PH-F

MEAN= 5.1609 STANDARD DEVIATION= 3.4585

17 ZEROS OUT OF 56 VALUES = 30.4%

VALUE	REDUND.	ACF	#OBSERV.
0.87875	0.44513	0.78349	44
0.88164	0.68563	0.63031	44
0.79200	0.87680	0.47997	44
0.90766	0.97340	0.39985	44
-1.49224	1.08491	0.33169	44
0.53177	1.17870	0.26085	44
0.76309	1.26570	0.22943	44
0.93657	1.31096	0.11833	44
0.38720	1.39903	0.02261	44
0.58960	1.47510	-0.07620	44
0.30046	1.54817	-0.16616	44
-1.49224	1.61775	-0.22999	44

R= 0.783 PROB= 0.000 AT LAG 1
R= 0.630 PROB= 0.000 AT LAG 2
R= 0.480 PROB= 0.001 AT LAG 3
R= 0.400 PROB= 0.007 AT LAG 4
R= 0.332 PROB= 0.028 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7835 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER T-WL

MEAN= 21.2963 STANDARD DEVIATION= 2.0525

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.09922	0.67245	0.48586	44
0.29411	0.78512	0.24814	44
-0.14438	0.84527	0.00836	44
0.39155	0.92284	0.01921	44
0.39155	1.04886	-0.06001	44
0.73260	1.22898	0.01642	44
-4.72415	1.12632	0.10691	44
-2.82403	1.02216	0.20116	44
-2.14194	1.16266	0.07746	44
-0.33926	1.16015	0.08147	44
-0.24182	1.11720	0.10105	44
0.29411	1.16741	0.04799	44

R= 0.486 PROB= 0.001 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4859 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER PH-L

MEAN= 7.8121 STANDARD DEVIATION= 1.0866

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
0.34779	0.17754	-0.01731	44
0.21895	1.13793	-0.01030	44
0.34779	1.16280	-0.06361	44
0.21895	1.13573	-0.01964	44
0.08090	1.14337	-0.02142	44
0.17293	1.16114	-0.02482	44
0.21895	1.16639	-0.04700	44
0.35699	1.16975	-0.06701	44
0.17293	1.16747	-0.04996	44
0.17293	1.16910	-0.06937	44
-7.18964	1.11797	0.02445	44
0.35699	1.17856	-0.03343	44

MAXIMUM COHERENCE AT 11 WEEK INTERVALS RMAX= 0.0244 PROBABILITY =0.875

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER SC-L

MEAN= 262.2178 STANDARD DEVIATION= 65.7919

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.19634	0.48155	0.89455	44
-0.56417	0.66189	0.79697	44
-0.35442	0.72499	0.74982	44
-0.22218	0.85720	0.65842	44
-0.51249	0.96486	0.56420	44
-0.43041	1.06533	0.47068	44
0.28700	1.17933	0.37028	44
0.77946	1.27414	0.27953	44
0.48763	1.35435	0.19669	44
0.61987	1.43000	0.11397	44
0.36148	1.48011	0.06257	44
0.48307	1.52942	-0.00005	44

R= 0.895 PROB= 0.000 AT LAG 1
R= 0.797 PROB= 0.000 AT LAG 2
R= 0.750 PROB= 0.000 AT LAG 3
R= 0.658 PROB= 0.000 AT LAG 4
R= 0.564 PROB= 0.000 AT LAG 5
R= 0.471 PROB= 0.001 AT LAG 6
R= 0.370 PROB= 0.013 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8945 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER TURB

MEAN= 7.5296 STANDARD DEVIATION= 12.0010

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.17745	0.76654	0.77939	44
-0.33577	1.11871	0.50864	44
-0.40660	1.21215	0.41801	44
-0.45243	1.25976	0.36713	44
-0.29411	1.41831	0.19356	44
-0.37744	1.56581	0.00877	44
-0.38160	1.60252	-0.04592	44
-0.50659	1.63004	-0.08606	44
-0.56492	1.65173	-0.12011	44
-0.58492	1.62952	-0.09751	44
-0.58575	1.57945	-0.03865	44
-0.58659	1.57374	-0.03550	44

R= 0.779 PROB= 0.000 AT LAG 1
R= 0.509 PROB= 0.000 AT LAG 2
R= 0.418 PROB= 0.005 AT LAG 3
R= 0.367 PROB= 0.014 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7794 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER COLR

MEAN= 19.3393 STANDARD DEVIATION= 26.6085

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.16308	0.53073	0.89312	44
-0.08791	0.86529	0.70215	44
-0.42615	1.16319	0.45815	44
-0.42615	1.36158	0.25360	44
0.02483	1.51793	0.07306	44
-0.35099	1.61545	-0.05741	44
-0.23824	1.66270	-0.11874	44
-0.53890	1.69255	-0.16089	44
-0.46374	1.70063	-0.17731	44
-0.35099	1.70005	-0.17691	44
-0.72681	1.68601	-0.15955	44
-0.35099	1.67708	-0.14941	44

R= 0.893 PROB= 0.000 AT LAG 1
R= 0.702 PROB= 0.000 AT LAG 2
R= 0.458 PROB= 0.002 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8931 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09BC0002 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

56 ZEROS OUT OF 56 VALUES = 100.0%

OOYTO9BC0002 PARAMETER ALKT

MEAN= 101.1906 STANDARD DEVIATION= 32.0080

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.19028	0.45248	0.68575	44
-0.27151	0.83675	0.60363	44
-0.18716	0.89483	0.54490	44
-0.11530	0.96963	0.51169	44
-0.43710	1.05088	0.45216	44
-0.30900	1.12909	0.38255	44
-0.00283	1.21032	0.28231	44
0.50017	1.30530	0.19327	44
0.40332	1.36681	0.13169	44
0.55641	1.42964	0.05766	44
-3.16142	1.40330	0.07402	44
0.42831	1.52095	-0.06409	44

R= 0.686 PROB= 0.000 AT LAG 1
R= 0.604 PROB= 0.000 AT LAG 2
R= 0.545 PROB= 0.000 AT LAG 3
R= 0.512 PROB= 0.000 AT LAG 4
R= 0.452 PROB= 0.002 AT LAG 5
R= 0.383 PROB= 0.010 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6858 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER HARD

MEAN= 135.5835 STANDARD DEVIATION= 41.0825

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.13347	0.44538	0.65506	44
-0.24058	0.85659	0.57173	44
-0.17729	0.89681	0.53369	44
-0.08966	0.97866	0.49795	44
-0.38662	1.05531	0.44643	44
-0.25518	1.13859	0.37426	44
0.06125	1.21823	0.27547	44
0.53834	1.30942	0.19066	44
0.52617	1.37771	0.11980	44
0.62354	1.43604	0.04625	44
-3.30027	1.39876	0.08071	44
0.52861	1.51839	-0.06246	44

R= 0.655 PROB= 0.000 AT LAG 1
R= 0.572 PROB= 0.000 AT LAG 2
R= 0.534 PROB= 0.000 AT LAG 3
R= 0.498 PROB= 0.001 AT LAG 4
R= 0.446 PROB= 0.002 AT LAG 5
R= 0.374 PROB= 0.012 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6551 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER CA-D

MEAN= 36.7964 STANDARD DEVIATION= 10.9196

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.13703	0.45960	0.63939	44
-0.24693	0.87514	0.55227	44
-0.16451	0.89610	0.52643	44
-0.13703	0.97836	0.48909	44
-0.36598	1.06440	0.43764	44
-0.29272	1.14882	0.35867	44
0.12854	1.22393	0.26922	44
0.57728	1.30189	0.19385	44
0.53149	1.37690	0.11835	44
0.56812	1.44222	0.03637	44
-3.36975	1.39603	0.08094	44
0.58644	1.51909	-0.06608	44

R= 0.639 PROB= 0.000 AT LAG 1
R= 0.552 PROB= 0.000 AT LAG 2
R= 0.526 PROB= 0.000 AT LAG 3
R= 0.489 PROB= 0.001 AT LAG 4
R= 0.438 PROB= 0.003 AT LAG 5
R= 0.359 PROB= 0.017 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6394 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER MG-D

MEAN= 10.6071 STANDARD DEVIATION= 3.3741

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.12065	0.43711	0.68100	44
-0.23920	0.83522	0.59761	44
-0.20956	0.90953	0.53775	44
-0.00210	0.98413	0.51010	44
-0.41702	1.04288	0.45966	44
-0.17992	1.12577	0.39713	44
-0.06137	1.21390	0.28234	44
0.47210	1.32607	0.18300	44
0.50174	1.38283	0.11946	44
0.70920	1.42605	0.06256	44
-3.14367	1.40435	0.08103	44
0.38319	1.51720	-0.05488	44

R= 0.681 PROB= 0.000 AT LAG 1
R= 0.598 PROB= 0.000 AT LAG 2
R= 0.538 PROB= 0.000 AT LAG 3
R= 0.510 PROB= 0.000 AT LAG 4
R= 0.460 PROB= 0.002 AT LAG 5
R= 0.397 PROB= 0.008 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6810 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER K -D

MEAN= 0.9750 STANDARD DEVIATION= 0.3106

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.88543	0.79316	0.56504	44
-0.56345	0.75042	0.54739	44
-0.88543	0.91971	0.50942	44
-0.56345	0.86424	0.59080	44
-0.88543	0.96838	0.43850	44
0.08051	1.02281	0.40661	44
-0.88543	1.11854	0.30167	44
-0.88543	1.23849	0.18759	44
-0.56345	1.18998	0.20234	44
2.33438	1.29704	0.13757	44
-0.56345	1.32845	0.08265	44
-0.88543	1.48822	-0.10985	44

R= 0.565 PROB= 0.000 AT LAG 1
R= 0.547 PROB= 0.000 AT LAG 2
R= 0.509 PROB= 0.000 AT LAG 3
R= 0.591 PROB= 0.000 AT LAG 4
R= 0.438 PROB= 0.003 AT LAG 5
R= 0.407 PROB= 0.006 AT LAG 6
R= 0.302 PROB= 0.047 AT LAG 7

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.5908 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9BC0002 PARAMETER NA-D

MEAN= 2.4625 STANDARD DEVIATION= 0.8433

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.31128	0.57124	0.83765	44
-0.31128	0.65320	0.78226	44
-0.19270	0.67581	0.76971	44
-0.07411	0.79026	0.68790	44
-0.42987	0.94987	0.58729	44
-0.07411	1.09316	0.46533	44
-0.19270	1.13420	0.41899	44
-1.25998	1.24554	0.29972	44
0.40024	1.28470	0.25559	44
0.51882	1.33173	0.20698	44
0.40024	1.40290	0.11943	44
0.28165	1.44830	0.06258	44

R= 0.838 PROB= 0.000 AT LAG 1
R= 0.782 PROB= 0.000 AT LAG 2
R= 0.770 PROB= 0.000 AT LAG 3
R= 0.688 PROB= 0.000 AT LAG 4
R= 0.587 PROB= 0.000 AT LAG 5
R= 0.465 PROB= 0.001 AT LAG 6
R= 0.419 PROB= 0.005 AT LAG 7
R= 0.300 PROB= 0.048 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8377 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO98COOO2 PARAMETER CL-D

MEAN= 0.5804 STANDARD DEVIATION= 0.3227

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.55884	1.04870	0.56265	44
-1.17856	0.98208	0.60030	44
-0.86870	1.08249	0.50745	44
-0.86870	1.15844	0.42731	44
-0.86870	1.07845	0.48333	44
-0.86870	1.34091	0.21742	44
-0.86870	1.29201	0.25663	44
-0.86870	1.35306	0.17615	44
-0.55884	1.45186	0.06318	44
-0.24898	1.33847	0.19001	44
-0.55884	1.51006	-0.00929	44
-0.55884	1.42455	0.08665	44

R= 0.563 PROB= 0.000 AT LAG 1
R= 0.600 PROB= 0.000 AT LAG 2
R= 0.507 PROB= 0.000 AT LAG 3
R= 0.427 PROB= 0.004 AT LAG 4
R= 0.483 PROB= 0.001 AT LAG 5

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.6003 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

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OOYTO9BC0002  PARAMETER  F -D


      MEAN=    0.1022   STANDARD DEVIATION=    0.0263

      0 ZEROS OUT OF        56 VALUES =     0.0%

    VALUE      REDUND.   ACF        #OBSERV.

 -1.60647   0.94724   0.57856      44
 -1.22624   0.88001   0.61334      44
 -0.46577   1.07953   0.44984      44
 -0.69391   1.12104   0.38145      44
 -1.49240   1.18981   0.25370      44
 -1.22624   1.19694   0.20581      44
 -1.60647   1.35636   0.00026      44
 -0.84601   1.34293  -0.00989      44
 -1.60647   1.51093  -0.24377      43
 -0.08554   1.46128  -0.20744      44
 -0.46577   1.46272  -0.20881      44
 -0.84601   1.48970  -0.28103      44
    R= 0.579 PROB= 0.000 AT LAG   1
    R= 0.613 PROB= 0.000 AT LAG   2
    R= 0.450 PROB= 0.002 AT LAG   3
    R= 0.381 PROB= 0.011 AT LAG   4

  MAXIMUM COHERENCE AT   2 WEEK INTERVALS RMAX=     0.6133 PROBABILITY =0.000


 MAXIMUM INCREASE IN REDUNDANCY FROM   2 -   3 WEEK SAMPLING INTERVALS
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OOYTO9BCOOO2 PARAMETER SIO2

MEAN= 7.0500 STANDARD DEVIATION= 1.0908

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.87065	0.71224	0.79243	44
-0.77918	0.72209	0.76964	44
-0.59583	0.84597	0.67247	44
-0.59583	0.88535	0.62334	44
-0.22914	1.00707	0.51428	44
-0.41249	1.06907	0.44566	44
-0.22914	1.13728	0.37218	44
0.50423	1.23332	0.28039	44
0.77925	1.30115	0.20678	44
0.77925	1.38636	0.12532	44
0.87092	1.43323	0.03690	44
0.68758	1.52541	-0.06006	44

R= 0.792 PROB= 0.000 AT LAG 1
R= 0.770 PROB= 0.000 AT LAG 2
R= 0.672 PROB= 0.000 AT LAG 3
R= 0.623 PROB= 0.000 AT LAG 4
R= 0.514 PROB= 0.000 AT LAG 5
R= 0.446 PROB= 0.002 AT LAG 6
R= 0.372 PROB= 0.013 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7924 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER SO4

MEAN= 35.3982 STANDARD DEVIATION= 9.7217

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.01047	0.44233	0.92646	44
-0.24669	0.59381	0.85553	44
-0.09239	0.71649	0.77857	44
-0.09239	0.87003	0.67572	44
-0.34955	0.98674	0.57980	44
-0.04096	1.10578	0.47149	44
0.11333	1.22620	0.35682	44
0.83337	1.31329	0.27118	44
0.73051	1.39736	0.17920	44
0.62765	1.47646	0.08136	44
0.31906	1.51193	0.03961	44
0.57622	1.57164	-0.03871	44

R= 0.926 PROB= 0.000 AT LAG 1
R= 0.856 PROB= 0.000 AT LAG 2
R= 0.779 PROB= 0.000 AT LAG 3
R= 0.676 PROB= 0.000 AT LAG 4
R= 0.580 PROB= 0.000 AT LAG 5
R= 0.471 PROB= 0.001 AT LAG 6
R= 0.357 PROB= 0.017 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9265 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER NN-D

MEAN= 0.3064 STANDARD DEVIATION= 0.5351

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSFRV.
-0.43069	0.94144	0.53979	44
0.10944	1.07121	0.23864	44
-0.40639	1.18143	-0.05961	44
-0.29613	1.18690	-0.04554	44
-0.34472	1.15186	-0.00518	44
0.07953	1.16521	0.01433	44
-0.48302	1.14337	-0.01450	44
-0.41948	1.14487	-0.00210	44
-0.44190	1.17779	-0.03474	44
1.70739	1.12488	0.04360	44
3.40813	1.14626	-0.00609	44
5.53873	0.93661	0.21037	44

R= 0.540 PROB= 0.000 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5398 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER RNFL

MEAN= 45.0536 STANDARD DEVIATION= 87.1236

7 ZEROS OUT OF 56 VALUES = 12.5%

VALUE	REDUND.	ACF	#OBSERV.
-0.35643	0.78433	0.75725	44
-0.40234	1.04403	0.55894	44
-0.41382	1.21119	0.39873	44
-0.49417	1.37033	0.23212	44
0.03382	1.54872	0.02589	44
-0.37939	1.61352	-0.05773	44
-0.39086	1.64878	-0.10574	44
-0.51712	1.66110	-0.12184	44
-0.51712	1.66624	-0.13178	44
-0.44825	1.64386	-0.10444	44
-0.51712	1.63597	-0.09789	44
-0.51712	1.63599	-0.09765	44

R= 0.757 PROB= 0.000 AT LAG 1
R= 0.559 PROB= 0.000 AT LAG 2
R= 0.399 PROB= 0.007 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7572 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER R-FL

MEAN= 172.4464 STANDARD DEVIATION= 78.5574

5 ZEROS OUT OF 56 VALUES = 8.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.38757	0.99688	0.43856	44
-0.36211	1.29029	0.27857	44
-0.36211	1.38264	0.11054	44
-0.14571	1.40591	0.10745	44
-0.19663	1.24553	0.26622	44
-0.40030	1.32046	0.17907	44
-0.14571	1.31636	0.18139	44
-0.41303	1.55546	-0.08681	44
-2.19516	1.58288	-0.13704	44
-0.00568	1.60067	-0.15778	44
-2.19516	1.53920	-0.09661	44
0.07069	1.54088	-0.09738	44

R= 0.439 PROB= 0.003 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4386 PROBABILITY =0.003

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER RFNF

MEAN= 36.2679 STANDARD DEVIATION= 79.4347

12 ZEROS OUT OF 56 VALUES = 21.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.33068	0.78770	0.75314	44
-0.35586	1.05045	0.55464	44
-0.36845	1.21736	0.39714	44
-0.45657	1.36389	0.24348	44
0.08475	1.53475	0.04819	44
-0.34327	1.60841	-0.04773	44
-0.36845	1.64189	-0.09274	44
-0.45657	1.65013	-0.10876	44
-0.45657	1.66631	-0.13314	44
-0.43140	1.64450	-0.10773	44
-0.45657	1.64043	-0.10372	44
-0.45657	1.65586	-0.12733	44

R= 0.753 PROB= 0.000 AT LAG 1
R= 0.555 PROB= 0.000 AT LAG 2
R= 0.397 PROB= 0.008 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7531 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER R-FF

MEAN= 118.7679 STANDARD DEVIATION= 64.5772

5 ZEROS OUT OF 56 VALUES = 8.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.07383	1.19891	0.25126	44
-0.07383	1.34503	0.22758	44
0.12748	1.51607	-0.03930	44
0.29782	1.59531	-0.12224	44
0.25136	1.26910	0.26155	44
0.00359	1.41323	0.09814	44
0.37524	1.24769	0.27813	44
0.05005	1.59029	-0.10779	44
-1.83916	1.60440	-0.12249	44
0.54558	1.68592	-0.22990	44
-1.83916	1.66295	-0.20208	44
0.39073	1.51896	-0.02304	44

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.2781 PROBABILITY =0.068

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

00YT09BC0002 PARAMETER AS-X

MEAN= 0.0005 STANDARD DEVIATION= 0.0008

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.29655	1.06668	0.54424	44
-0.17074	1.25265	0.36975	44
-0.29655	1.46669	0.13049	44
-0.29655	1.54481	0.03270	44
-0.29655	1.60398	-0.03222	44
-0.54817	1.61304	-0.04925	44
-0.17074	1.64068	-0.08267	44
-0.04493	1.65704	-0.11151	44
-0.29655	1.65008	-0.10474	44
-0.29655	1.65465	-0.11405	44
-0.54817	1.61349	-0.06172	44
-0.42236	1.60005	-0.04269	44

R= 0.544 PROB= 0.000 AT LAG 1
R= 0.370 PROB= 0.014 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5442 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER SE-X

MEAN= 0.0008 STANDARD DEVIATION= 0.0004

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.55272	0.86095	0.67197	44
-0.81503	0.97988	0.54203	44
-0.55272	1.09518	0.43218	44
-1.60196	1.28322	0.19096	44
-1.86427	1.32401	0.10264	44
-1.33965	1.43782	-0.04597	44
-0.81503	1.53105	-0.13457	44
-0.81503	1.56439	-0.15164	44
-0.81503	1.61892	-0.21185	44
0.49652	1.60339	-0.18049	44
0.49652	1.64527	-0.22709	44
-0.29041	1.71553	-0.32183	44

R= 0.672 PROB= 0.000 AT LAG 1
R= 0.542 PROB= 0.000 AT LAG 2
R= 0.432 PROB= 0.003 AT LAG 3
R= -.322 PROB= 0.033 AT LAG 12

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6720 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER N-TD

MEAN= 0.5299 STANDARD DEVIATION= 0.5778

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.56564	0.97832	0.51536	44
-0.04301	1.08498	0.23250	44
-0.53449	1.24437	-0.09813	44
-0.29394	1.27928	-0.11443	44
-0.45315	1.25268	-0.07865	44
0.00372	1.23628	-0.02348	44
-0.65563	1.26322	-0.09808	44
-0.54487	1.20361	-0.02711	44
-0.60891	1.28438	-0.12288	44
1.40202	1.13966	0.04681	44
3.32295	1.16851	0.00143	44
5.07083	1.02835	0.17457	44

R= 0.515 PROB= 0.000 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5154 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER P -T

MEAN= 0.0619 STANDARD DEVIATION= 0.0909

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.52724	0.93591	0.65193	44
-0.53824	1.09053	0.51710	44
-0.59324	1.13551	0.46707	44
-0.60424	1.28625	0.31689	44
-0.19722	1.38270	0.21535	44
-0.49424	1.31581	0.28536	44
-0.52724	1.45030	0.13194	44
-0.58224	1.54312	0.02037	44
-0.62624	1.57382	-0.02359	44
-0.60424	1.60158	-0.05919	44
-0.60424	1.57024	-0.02465	44
-0.64824	1.59664	-0.05956	44

R= 0.652 PROB= 0.000 AT LAG 1
R= 0.517 PROB= 0.000 AT LAG 2
R= 0.467 PROB= 0.001 AT LAG 3
R= 0.317 PROB= 0.036 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6519 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER TIC

MEAN= 26.4464 STANDARD DEVIATION= 7.9588

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.18174	0.47845	0.90766	44
-0.68433	0.70443	0.78501	44
-0.55868	0.81406	0.70609	44
-0.30739	0.91158	0.62806	44
-0.68433	1.00696	0.54437	44
-0.55868	1.08284	0.47268	44
-0.43303	1.17058	0.38958	44
0.19520	1.25775	0.30502	44
0.44650	1.36422	0.19423	44
0.19520	1.44009	0.11245	44
0.19520	1.48232	0.06269	44
-0.18174	1.55544	-0.02992	44

R= 0.908 PROB= 0.000 AT LAG 1
R= 0.785 PROB= 0.000 AT LAG 2
R= 0.706 PROB= 0.000 AT LAG 3
R= 0.628 PROB= 0.000 AT LAG 4
R= 0.544 PROB= 0.000 AT LAG 5
R= 0.473 PROB= 0.001 AT LAG 6
R= 0.390 PROB= 0.009 AT LAG 7
R= 0.305 PROB= 0.044 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9077 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09BC0002 PARAMETER TOC

MEAN= 6.8660 STANDARD DEVIATION= 4.9839

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.79577	0.81966	0.72332	44
-0.11357	1.06502	0.52418	44
0.60875	1.35618	0.24683	44
0.16733	1.53172	0.04057	44
0.00682	1.57335	-0.01557	44
0.00682	1.62211	-0.09011	44
-0.27408	1.65368	-0.13507	44
-0.13364	1.74443	-0.25779	44
-0.61519	1.75687	-0.29220	44
-0.17377	1.76656	-0.30168	44
-0.03331	1.66302	-0.16468	44
-0.39448	1.63466	-0.13497	44

R= 0.723 PROB= 0.000 AT LAG 1
R= 0.524 PROB= 0.000 AT LAG 2
R= -.302 PROB= 0.047 AT LAG 10

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7233 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO98COOO2 PARAMETER CU-T

MEAN= 0.0054 STANDARD DEVIATION= 0.0042

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND	ACF	#OBSERV
1.08627	1.07461	0.42452	44
-1.03573	1.38761	0.09149	44
-0.32840	1.38625	0.14535	44
1.08627	1.50258	-0.03122	44
-0.32840	1.63042	-0.20603	44
-1.03573	1.50300	-0.03106	44
-0.79996	1.40436	0.03042	44
-1.03573	1.52222	-0.1[illegible]788	44
-1.03573	1.48949	-0.0[illegible]473	44
-0.09262	1.39895	0.05367	44
-1.27151	1.41109	0.04633	44
-0.79996	1.47971	-0.01570	44

R= 0.425 PROB= 0.004 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4245 PROBABILITY =0.004

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER FE-T

MEAN= 1.1340 STANDARD DEVIATION= 1.9329

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.47804	0.79707	0.73738	44
-0.43147	1.02988	0.55775	44
-0.49356	1.19820	0.40546	44
-0.49356	1.41926	0.16769	44
0.39631	1.48830	0.08937	44
-0.38491	1.56119	0.00005	44
-0.42113	1.59711	-0.04696	44
-0.51425	1.61782	-0.07113	44
-0.51425	1.65276	-0.11777	44
-0.53495	1.63379	-0.09500	44
-0.54012	1.63589	-0.10062	44
-0.53495	1.65102	-0.12478	44

R= 0.737 PROB= 0.000 AT LAG 1
R= 0.558 PROB= 0.000 AT LAG 2
R= 0.405 PROB= 0.006 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7374 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYT09BC0002 PARAMETER PB-T

MEAN= 0.0067 STANDARD DEVIATION= 0.0068

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.54587	1.06046	0.54601	44
-0.69214	1.43240	0.16697	44
-0.39961	1.38090	0.21606	44
-0.69214	1.44339	0.12923	44
-0.69214	1.52065	0.02585	44
-0.69214	1.37649	0.18277	44
-0.54587	1.29233	0.26974	44
-0.69214	1.36390	0.18231	44
-0.69214	1.31378	0.22993	44
-0.25335	1.25762	0.28461	44
-0.98466	1.46678	0.04536	44
-0.54587	1.67826	-0.23023	44

R= 0.546 PROB= 0.000 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5460 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO2 PARAMETER MN-T

MEAN= 0.0487 STANDARD DEVIATION= 0.0623

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.62236	0.95357	0.63559	44
-0.46175	1.17177	0.44096	44
-0.62236	1.24597	0.36575	44
-0.62236	1.44103	0.14877	44
-0.14053	1.51655	0.05976	44
-0.62236	1.57105	-0.00845	44
-0.46175	1.61121	-0.05970	44
-0.62236	1.64095	-0.10221	44
-0.62236	1.66929	-0.14321	44
-0.62236	1.64595	-0.11561	44
-0.62236	1.67455	-0.16318	44
-0.62236	1.61321	-0.09186	44

R= 0.636 PROB= 0.000 AT LAG 1
R= 0.441 PROB= 0.003 AT LAG 2
R= 0.366 PROB= 0.015 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6356 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

00YT09BC0002 PARAMETER HG-T

MEAN= 0.0554 STANDARD DEVIATION= 0.0229

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.23410	1.33733	0.17702	44
1.07700	1.49082	-0.16577	44
3.26217	1.33733	-0.03169	44
1.95107	1.33733	-0.02733	44
-0.23410	1.33733	-0.02995	44
-0.23410	1.33733	-0.03218	44
-0.23410	1.33733	-0.03411	44
-0.23410	1.33733	-0.03588	44
-0.23410	1.37730	-0.03762	44
-0.23410	1.18043	0.27446	44
-0.23410	1.48790	-0.03998	44
-0.23410	1.61386	-0.19597	44

MAXIMUM COHERENCE AT 10 WEEK INTERVALS RMAX= 0.2745 PROBABILITY =0.071

MAXIMUM INCREASE IN REDUNDANCY FROM 10 - 11 WEEK SAMPLING INTERVALS

OOYTO9BC0002 PARAMETER ZN-T

MEAN= 0.0256 STANDARD DEVIATION= 0.0362

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.51443	1.15383	0.40403	44
-0.68015	1.51518	0.02139	44
-0.59729	1.55665	-0.02980	44
0.12084	1.56804	-0.07082	44
0.67325	1.51239	0.02390	44
-0.54205	1.32016	0.24137	44
0.67325	1.32612	0.23723	44
-0.68015	1.48041	0.07340	44
-0.45919	1.57258	-0.03980	44
0.12084	1.56219	-0.02141	44
-0.70777	1.56601	-0.03895	44
-0.45919	1.63490	-0.13266	44

R= 0.404 PROB= 0.007 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4040 PROBABILITY =0.007

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER T-AF

MEAN= 3.1607 STANDARD DEVIATION= 11.3934

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.90748	0.59793	0.79308	44
2.00460	0.62358	0.73361	44
0.99525	0.64157	0.67381	44
0.77582	0.76206	0.56503	44
0.60028	0.75317	0.52103	44
-0.27742	0.85639	0.42205	44
-0.36519	0.89430	0.38908	44
-1.15512	0.96845	0.31940	44
-0.27742	1.02595	0.27198	44
-1.15512	1.12791	0.20456	44
-1.15512	1.23873	0.16255	44
-1.15512	1.31011	0.10479	44

R= 0.793 PROB= 0.000 AT LAG 1
R= 0.734 PROB= 0.000 AT LAG 2
R= 0.674 PROB= 0.000 AT LAG 3
R= 0.565 PROB= 0.000 AT LAG 4
R= 0.521 PROB= 0.000 AT LAG 5
R= 0.422 PROB= 0.004 AT LAG 6
R= 0.389 PROB= 0.009 AT LAG 7
R= 0.319 PROB= 0.035 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7931 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER T-WF

MEAN= 3.9196 STANDARD DEVIATION= 5.8758

11 ZEROS OUT OF 56 VALUES = 19.6%

VALUE	REDUND.	ACF	#OBSERV.
0.86462	0.34375	0.94556	44
1.03481	0.44771	0.88779	44
0.35405	0.55118	0.82325	44
0.01368	0.67469	0.73763	44
-0.15651	0.74206	0.66596	44
-0.66708	0.86457	0.56639	44
-0.66708	0.97749	0.46059	44
-0.83727	1.05490	0.36748	44
-0.83727	1.11615	0.28131	44
-0.83727	1.17757	0.19794	44
-0.83727	1.24469	0.12529	44
-0.83727	1.33182	0.03722	44

R= 0.946 PROB= 0.000 AT LAG 1
R= 0.888 PROB= 0.000 AT LAG 2
R= 0.823 PROB= 0.000 AT LAG 3
R= 0.738 PROB= 0.000 AT LAG 4
R= 0.666 PROB= 0.000 AT LAG 5
R= 0.566 PROB= 0.000 AT LAG 6
R= 0.461 PROB= 0.002 AT LAG 7
R= 0.367 PROB= 0.014 AT LAG 8

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9456 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTOS8COOO8 PARAMETER PH-F

MEAN= 7.1614 STANDARD DEVIATION= 2.0234

4 ZEROS OUT OF 56 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-3.53935	0.12445	0.48151	44
-3.53935	0.12152	0.20705	44
-3.53935	0.13161	0.23402	44
0.48365	0.14137	0.27080	44
0.46388	0.14390	0.26535	44
-3.53935	0.13203	0.01384	44
0.11792	0.57026	0.02318	44
0.26619	0.61854	-0.00372	44
0.31561	0.58401	0.01234	44
0.06850	0.80381	0.00470	44
0.26619	1 00131	-0.01061	44
0.26619	1.14353	-0.00518	44

R= 0.482 PROB= 0.001 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4815 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER T-WL

MEAN= 21.2928 STANDARD DEVIATION= 2.2551

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.00321	0.54604	0.35447	44
0.22492	0.68738	0.17803	44
0.13624	0.71850	-0.00822	44
0.26926	0.78125	-0.00582	44
0.35795	0.91040	-0.08542	44
0.71269	1.27290	-0.07335	44
-5.80575	1.23094	-0.02973	44
-2.12527	1.10757	0.08746	44
-1.68183	1.01235	0.16903	44
-0.17417	1.00983	0.17181	44
-0.17417	1.05048	0.12700	44
0.09189	1.15026	0.03459	44

R= 0.354 PROB= 0.018 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3545 PROBABILITY =0.018

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

00YT09BC0008 PARAMETER PH-L

MEAN= 7.9369 STANDARD DEVIATION= 0.1415

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
1.29383	0.99940	0.52886	44
0.58715	1.27844	0.26414	44
0.44581	1.26280	0.27083	44
0.44581	1.18873	0.26452	44
-0.26088	1.20885	0.22743	44
0.44581	1.35280	0.08233	44
-0.04887	1.32675	0.10179	44
0.44581	1.26702	0.19520	44
1.15249	1.27972	0.17355	44
1.15249	1.32761	0.10460	44
0.44581	1.35402	0.09088	44
1.85917	1.31031	0.09905	44

R= 0.529 PROB= 0.000 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5289 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER SC-L

MEAN= 263.5552 STANDARD DEVIATION= 60.2421

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.25323	0.31281	0.94688	44
-0.75454	0.53466	0.84204	44
-0.10383	0.71453	0.74828	44
-0.14035	0.86102	0.65114	44
-0.95042	0.99768	0.53779	44
-0.57361	1.11004	0.42548	44
0.15678	1.21763	0.32257	44
0.54355	1.32357	0.23516	44
0.74939	1.39600	0.15712	44
0.33938	1.44289	0.09888	44
0.32278	1.48898	0.05034	44
0.42238	1.52816	0.00075	44

R= 0.947 PROB= 0.000 AT LAG 1
R= 0.842 PROB= 0.000 AT LAG 2
R= 0.748 PROB= 0.000 AT LAG 3
R= 0.651 PROB= 0.000 AT LAG 4
R= 0.538 PROB= 0.000 AT LAG 5
R= 0.425 PROB= 0.004 AT LAG 6
R= 0.323 PROB= 0.033 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9469 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER TURB

MEAN= 4.3309 STANDARD DEVIATION= 9.8456

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.16057	0.99441	0.62032	44
-0.22659	1.13309	0.49864	44
-0.38910	1.25418	C.37907	44
-0.38910	1.37269	0.25165	44
-0.23674	1.51320	0.08524	44
-0.28753	1.63158	-0.06955	44
-0.33831	1.62842	-0.06893	44
-0.34034	1.65130	-0.10279	44
-0.38808	1.64160	-0.09346	44
-0.40941	1.60874	-0.05392	44
-0.39824	1.59492	-0.03866	44
-0.41144	1.59201	-0.03714	44

R= 0.620 PROB= 0.000 AT LAG 1
R= 0.499 PROB= 0.001 AT LAG 2
R= 0.379 PROB= 0.011 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6203 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER COLR

MEAN= 15.3929 STANDARD DEVIATION= 20.1699

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.12926	0.66956	0.82465	44
0.22842	1.09084	0.52040	44
-0.36653	1.29350	0.32681	44
-0.36653	1.42314	0.18587	44
0.12926	1.54094	0.04322	44
-0.11864	1.62347	-0.06774	44
-0.26737	1.66700	-0.12664	44
-0.51527	1.69350	-0.16190	44
-0.41611	1.68993	-0.15776	44
-0.26737	1.66309	-0.12161	44
-0.26737	1.65163	-0.10520	44
-0.26737	1.65533	-0.11170	44

R= 0.825 PROB= 0.000 AT LAG 1
R= 0.520 PROB= 0.000 AT LAG 2
R= 0.327 PROB= 0.030 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8246 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

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OOYTO9BCOOO8  PARAMETER  ALKP


      MEAN=     0.0       STANDARD DEVIATION=    -0.0
     56 ZEROS OUT OF        56 VALUES =    100.0%
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OCYT09BC0008 PARAMETER ALKT

MEAN= 104.2313 STANDARD DEVIATION= 27.7208

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.29694	0.48334	0.90950	44
-0.62521	0.61983	0.83004	44
-0.41598	0.75920	0.73831	44
-0.33662	0.88215	0.64089	44
-0.91741	0.98784	0.54363	44
-0.57110	1.08961	0.44539	44
-0.30776	1.18620	0.34964	44
0.15399	1.28419	0.26388	44
0.48948	1.34805	0.19887	44
0.38126	1.39805	0.14489	44
0.31993	1.45955	0.07713	44
0.46423	1.51012	0.01568	44

R= 0.909 PROB= 0.000 AT LAG 1
R= 0.830 PROB= 0.000 AT LAG 2
R= 0.738 PROB= 0.000 AT LAG 3
R= 0.641 PROB= 0.000 AT LAG 4
R= 0.544 PROB= 0.000 AT LAG 5
R= 0.445 PROB= 0.002 AT LAG 6
R= 0.350 PROB= 0.020 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9095 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER HARD

MEAN= 140.1104 STANDARD DEVIATION= 34.0502

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.19707	0.34575	0.95675	44
-0.52600	0.55889	0.86470	44
-0.34685	0.74115	0.75706	44
-0.28224	0.89267	0.64220	44
-0.84024	1.02567	0.52548	44
-0.47314	1.14517	0.40864	44
-0.19414	1.24869	0.30250	44
0.26401	1.34753	0.21107	44
0.67810	1.41975	0.13179	44
0.42260	1.47776	0.06380	44
0.42847	1 51841	0.01582	44
0.54595	1.55116	-0.02638	44

R= 0.957 PROB= 0.000 AT LAG 1
R= 0.865 PROB= 0.000 AT LAG 2
R= 0.757 PROB= 0.000 AT LAG 3
R= 0.642 PROB= 0.000 AT LAG 4
R= 0.525 PROB= 0.000 AT LAG 5
R= 0.409 PROB= 0.006 AT LAG 6
R= 0.302 PROB= 0.046 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9568 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER CA-D

MEAN= 37.5517 STANDARD DEVIATION= 8.8180

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.51618	0.29109	0.96938	44
-0.53886	0.50840	0.88352	44
-0.39144	0.69491	0.78167	44
-0.30072	0.84711	0.67641	44
-0.83372	0.97050	0.57028	44
-0.49350	1.08897	0.45568	44
-0.17597	1.20566	0.34100	44
0.36837	1.31525	0.24061	44
0.68591	1.39958	0.15128	44
0.23229	1.45989	0.08033	44
0.45910	1.50946	0.02159	44
0.52714	1.55221	-0.02918	44

R= 0.969 PROB= 0.000 AT LAG 1
R= 0.884 PROB= 0.000 AT LAG 2
R= 0.782 PROB= 0.000 AT LAG 3
R= 0.676 PROB= 0.000 AT LAG 4
R= 0.570 PROB= 0.000 AT LAG 5
R= 0.456 PROB= 0.002 AT LAG 6
R= 0.341 PROB= 0.024 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9694 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER MG-D

MEAN= 11.2556 STANDARD DEVIATION= 3.1814

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.35971	0.70185	0.80111	44
-0.45755	0.83865	0.70535	44
-0.23752	0.95916	0.60778	44
-0.20609	1.09772	0.47207	44
-0.77189	1.19372	0.37387	44
-0.40097	1.30066	0.25973	44
-0.20609	1.35857	0.19031	44
0.07681	1.38631	0.17205	44
0.61117	1.47909	0.06775	44
0.73691	1.50790	0.02811	44
0.35971	1.52805	0.00683	44
0.54831	1.54124	-0.01352	44

R= 0.801 PROB= 0.000 AT LAG 1
R= 0.705 PROB= 0.000 AT LAG 2
R= 0.608 PROB= 0.000 AT LAG 3
R= 0.472 PROB= 0.001 AT LAG 4
R= 0.374 PROB= 0.012 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8011 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER K -D

MEAN= 0.6339 STANDARD DEVIATION= 0.2091

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.16222	1.40333	0.21452	44
-0.16222	1.32525	0.28987	44
-0.64037	1.34857	0.25154	44
-0.64037	1.45603	0.12106	44
-1.11852	1.39777	0.17693	44
-0.64037	1.49824	0.04684	44
-0.64037	1.48080	0.05891	44
-0.64037	1.48431	0.05668	44
-0.64037	1.56938	-0.05244	44
-0.64037	1.47904	0.05719	44
-0.16222	1.56441	-0.04760	44
-0.16222	1.57269	-0.06233	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2899 PROBABILITY =0.056

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER NA-D

MEAN= 1.6179 STANDARD DEVIATION= 0.5933

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.19862	1.05650	0.54653	44
-0.36716	1.12744	0.48089	44
-0.19862	1.07797	0.51958	44
-0.03009	1.11042	0.47921	44
-0.70424	1.15320	0.43618	44
-0.19862	1.18930	0.39418	44
-0.03009	1.22960	0.34856	44
0.13845	1.29581	0.28944	44
0.47553	1.34014	0.23838	44
0.30699	1.34878	0.22942	44
0.30699	1.41876	0.14932	44
0.47553	1.45426	0.10340	44

R= 0.547 PROB= 0.000 AT LAG 1
R= 0.481 PROB= 0.001 AT LAG 2
R= 0.520 PROB= 0.000 AT LAG 3
R= 0.479 PROB= 0.001 AT LAG 4
R= 0.436 PROB= 0.003 AT LAG 5
R= 0.394 PROB= 0.008 AT LAG 6
R= 0.349 PROB= 0.020 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5465 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER CL-D

MEAN= 0.4446 STANDARD DEVIATION= 0.4928

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.49640	1.54774	0.04718	44
-0.49640	1.55739	0.03136	44
-0.29349	1.57144	0.01253	44
-0.49640	1.55799	0.02595	44
-0.49640	1.56637	0.01129	44
-0.49640	1.59567	-0.02997	44
-0.29349	1.58301	-0.01515	44
-0.29349	1.60677	-0.04848	44
-0.29349	1.60823	-0.05172	44
-0.09058	1.60532	-0.04863	44
-0.29349	1.62588	-0.07785	44
-0.09058	1.58242	-0.02227	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0472 PROBABILITY =0.761

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER F -D

MEAN= 0.0961 STANDARD DEVIATION= 0.0236

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.52828	0.80573	0.68602	44
-1.52828	0.85234	0.63137	44
-1.52828	0.83271	0.60389	44
-1.18983	0.98328	0.44546	44
-1.48597	0.98718	0.36720	44
-1.40136	1.13512	0.22836	44
-1.95133	1.21071	0.07047	44
-1.10522	1.25811	-0.01293	44
-1.10522	1.35850	-0.13582	44
0.16395	1.35325	-0.14476	44
-0.68216	1.37662	-0.16877	44
-0.68216	1.41863	-0.23004	44

R= 0.686 PROB= 0.000 AT LAG 1
R= 0.631 PROB= 0.000 AT LAG 2
R= 0.604 PROB= 0.000 AT LAG 3
R= 0.445 PROB= 0.002 AT LAG 4
R= 0.367 PROB= 0.014 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6860 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER SIO2

MEAN= 6.2000 STANDARD DEVIATION= 0.6728

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.04032	0.55384	0.79866	44
-0.59445	0.60786	0.76631	44
-0.89170	0.74817	0.65850	44
-0.74307	0.87898	0.56156	44
0.29729	0.98560	0.48538	44
-0.29720	1.08292	0.40488	44
0.14867	1.20680	0.25450	44
0.59454	1.27890	0.21560	44
1.04041	1.37719	0.13499	44
0.74317	1.45397	0.05123	44
0.89179	1.51285	0.01100	44
-1.63482	1.59176	-0.11913	44

R= 0.799 PROB= 0.000 AT LAG 1
R= 0.766 PROB= 0.000 AT LAG 2
R= 0.658 PROB= 0.000 AT LAG 3
R= 0.562 PROB= 0.000 AT LAG 4
R= 0.485 PROB= 0.001 AT LAG 5
R= 0.405 PROB= 0.006 AT LAG 6

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7987 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

00YT09BC0008 PARAMETER SO4

MEAN= 35.6107 STANDARD DEVIATION= 8.9130

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.04368	0.35843	0.94739	44
-0.40510	0.59505	0.84327	44
-0.18071	0.78248	0.73581	44
-0.34901	0.93575	0.62319	44
-0.46120	1.06676	0.50859	44
-0.18071	1.17625	0.39956	44
0.09978	1.26548	0.30873	44
0.71685	1.35807	0.21852	44
0.54856	1.44214	0.12245	44
-0.12462	1.49516	0.05771	44
0.26807	1.53593	0.00986	44
0.49246	1.56711	-0.03307	44

R= 0.947 PROB= 0.000 AT LAG 1
R= 0.843 PROB= 0.000 AT LAG 2
R= 0.736 PROB= 0.000 AT LAG 3
R= 0.623 PROB= 0.000 AT LAG 4
R= 0.509 PROB= 0.000 AT LAG 5
R= 0.400 PROB= 0.007 AT LAG 6
R= 0.309 PROB= 0.041 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9474 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER NN-D

MEAN= 0.1917 STANDARD DEVIATION= 0.4019

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.43958	1.58988	-0.01732	44
-0.44704	1.59443	-0.08296	44
-0.27535	1.58268	-0.07178	44
-0.46446	1.48023	0.05746	44
-0.40474	1.53281	-0.00928	44
-0.39976	1.54259	-0.08165	44
0.23723	1.55184	-0.09329	44
0.11033	1.55535	-0.09884	44
-0.33258	1.23983	0.25218	44
-0.33507	1.52574	-0.07028	44
-0.17333	1.52979	-0.07635	44
0.61545	1.48849	-0.02097	44

MAXIMUM COHERENCE AT 9 WEEK INTERVALS RMAX= 0.2522 PROBABILITY =0.099

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER RNFL

MEAN= 24.9643 STANDARD DEVIATION= 58.9989

11 ZEROS OUT OF 56 VALUES = 19.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.27059	1.34490	0.27245	44
-0.40618	1.51444	0.07634	44
-0.25364	1.09855	0.50986	44
-0.42313	1.34377	0.27124	44
-0.18584	1.52145	0.06586	44
-0.38923	1.53291	0.04861	44
-0.32143	1.54349	0.03440	44
-0.42313	1.59142	-0.02795	44
-0.42313	1.61396	-0.05172	44
-0.15194	1.59638	-0.03554	44
-0.32143	1.59242	-0.03172	44
-0.42313	1.61777	-0.06485	44

R= 0.510 PROB= 0.000 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.5099 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER R-FL

MEAN= 154.1071 STANDARD DEVIATION= 78.6980

8 ZEROS OUT OF 56 VALUES = 14.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.11572	1.22885	0.24703	44
-0.12843	1.13113	0.27296	44
-0.28091	1.32160	0.10655	44
-1.95821	1.45536	0.01054	44
-0.21738	1.37491	0.14836	44
-0.09031	1.39825	0.05130	44
0.04947	1.43052	-0.02466	44
-0.43339	1.49070	-0.07792	44
-1.95821	1.59522	-0.16444	44
0.17653	1.44079	0.02594	44
1.19308	1.46070	0.00537	44
0.43067	1.53060	-0.07802	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2730 PROBABILITY =0.073

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER RFNF

MEAN= 19.4107 STANDARD DEVIATION= 52.7908

19 ZEROS OUT OF 56 VALUES = 33.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.34875	1.33404	0.28958	44
-0.36769	1.52055	0.07595	44
-0.21615	1.10425	0.50838	44
-0.36769	1.32255	0.29266	44
-0.15932	1.51471	0.07671	44
-0.36769	1.52620	0.05962	44
-0.32981	1.55146	0.02625	44
-0.36769	1.59545	-0.03180	44
-0.36769	1.62365	-0.07114	44
-0.32981	1.60778	-0.04871	44
-0.36769	1.61020	-0.05344	44
-0.36769	1.62287	-0.07280	44

R= 0.508 PROB= 0.000 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.5084 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER R-FF

MEAN= 109.3929 STANDARD DEVIATION= 67.7489

8 ZEROS OUT OF 56 VALUES = 14.3%

VALUE	REDUND.	ACF	#OBSERV.
0.24513	1.35629	0.08680	44
0.36321	1.28010	0.10918	44
-0.19768	1.48569	-0.03220	44
-1.61468	1.42818	0.05790	44
0.09752	1.47590	0.05145	44
0.34845	1.46292	-0.00615	44
0.24513	1.38015	0.02424	44
0.09752	1.45157	0.00636	44
-1.61468	1.57790	-0.10767	44
0.51081	1.52276	-0.05013	44
1.95733	1.56739	-0.11233	44
-0.28625	1.63264	-0.19469	44

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.1092 PROBABILITY =0.481

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER AS-X

MEAN= 0.0004 STANDARD DEVIATION= 0.0006

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.13647	1.39251	0.22351	44
-0.13647	1.47125	0.13443	44
-0.13647	1.55466	0.02978	44
-0.13647	1.53322	0.05825	44
-0.13647	1.53343	0.05716	44
-0.30631	1.60671	-0.03547	44
-0.13647	1.59914	-0.02634	44
-0.13647	1.55929	0.02334	44
-0.13647	1.41052	0.17565	44
-0.30631	1.58369	-0.03132	44
-0.13647	1.60057	-0.05429	44
-0.47614	1.58803	-0.04081	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2235 PROBABILITY =0.145

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTC3BC0008 PARAMETER SE-X

MEAN= 0.0008 STANDARD DEVIATION= 0.0004

1 ZEROS OUT OF 56 VALUES = 1.8%

VALUE	REDUND.	ACF	#OBSERV.
-0.32974	0.92311	0.62280	44
-0.56648	1.15758	0.39197	44
-1.51343	1.27288	0.25260	44
-1.75017	1.29470	0.19553	44
-1.75017	1.45935	0.00342	44
-1.27670	1.60445	-0.19669	44
-0.09300	1.60960	-0.20483	44
-0.80322	1.63005	-0.20998	44
-0.80322	1.62182	-0.18026	44
0.14374	1.65486	-0.20885	44
-0.32974	1.63044	-0.20448	44
-0.09300	1.58045	-0.13979	44

R= 0.623 PROB= 0.000 AT LAG 1
R= 0.392 PROB= 0.009 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6228 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BC^OO8 PARAMETER N-TD

MEAN= 0.3216 STANDARD DEVIATION= 0.4374

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.50438	1.52685	0.03431	44
-0.48609	1.54961	-0.08479	44
-0.25748	1.55998	-0.10211	44
-0.51352	1.39831	0.09759	44
-0.38093	1.43634	0.05321	44
-0.36492	1.46169	-0.04261	44
0.53124	1.48990	-0.07213	44
0.12888	1.52721	-0.11646	44
-0.36950	1.22633	0.21646	44
-0.42436	1.50620	-0.09640	44
-0.20718	1.49694	-0.08585	44
0.57925	1.45635	-0.03035	44

MAXIMUM COHERENCE AT 9 WEEK INTERVALS RMAX= 0.2165 PROBABILITY =0.158

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9BC0008 PARAMETER P -T

MEAN= 0.0418 STANDARD DEVIATION= 0.0711

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.26435	1.10793	0.50459	44
-0.27841	1.16292	0.45213	44
-0.37683	1.12769	0.48251	44
-0.51741	1.30683	0.31012	44
-0.01130	1.45308	0.14712	44
-0.43306	1.49270	0.09632	44
-0.40494	1.51512	0.06562	44
-0.46118	1.53409	0.04143	44
-0.40494	1.54677	0.02897	44
-0.48930	1.59120	-0.03522	44
-0.46118	1.54894	0.01625	44
-0.50336	1.57167	-0.01378	44

R= 0.505 PROB= 0.000 AT LAG 1
R= 0.452 PROB= 0.002 AT LAG 2
R= 0.483 PROB= 0.001 AT LAG 3
R= 0.310 PROB= 0.040 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5046 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO98?0008 PARAMETER TIC

MEAN= 25.2679 STANDARD DEVIATION= 7.2726

0 ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.44934	0.83716	0.70686	44
-0.58684	1.06670	0.51496	44
-0.44934	1.05638	0.50505	44
-0.31184	0.97911	0.54906	44
-1.13685	1.17573	0.36536	44
-0.58684	1.30001	0.23005	44
-0.44934	1.38017	0.14235	44
0.23817	1.45460	0.07373	44
0.65068	1.52272	-0.00428	44
0.37568	1.58508	-0.08016	44
0.78818	1.60528	-0.09763	44
0.37568	1.55952	-0.04210	44

R= 0.707 PROB= 0.000 AT LAG 1
R= 0.515 PROB= 0.000 AT LAG 2
R= 0.505 PROB= 0.000 AT LAG 3
R= 0.549 PROB= 0.000 AT LAG 4
R= 0.365 PROB= 0.015 AT LAG 5

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7069 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER TOC

MEAN= 5.8321 STANDARD DEVIATION= 4.5016

O ZEROS OUT OF 56 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.03730	0.66407	0.60211	44
0.21501	1.02398	0.34332	44
0.52602	1.23311	0.12313	44
0.41494	1.31468	0.00371	44
3.81376	1.33361	-0.03362	44
0.10394	1.34523	-0.07855	44
-0.14042	1.37847	-0.09316	44
-0.20706	1.55342	-0.15496	44
-0.38478	1.57306	-0.18130	44
-0.34035	1.55370	-0.15534	44
-0.60692	1.56217	-0.16849	44
-0.22928	1.53654	-0.13890	44

R= 0.602 PROB= 0.000 AT LAG 1
R= 0.343 PROB= 0.023 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6021 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER CD-T

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

54 ZEROS OUT OF 56 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
5.14955	0.0	-0.00823	44
-0.19072	0.0	-0.01360	44
-0.19072	0.0	0.50025	44
5.14955	0.0	-0.00258	44
-0.19072	0.0	-0.00392	44
-0.19072	0.0	-0.00540	44
-0.19072	0.0	-0.00632	44
-0.19072	0.0	-0.00811	44
-0.19072	0.80508	-0.00925	44
-0.19072	0.80508	-0.00944	44
-0.19072	0.80508	-0.01034	44
-0.19072	1.13855	-0.01046	44

R= 0.500 PROB= 0.001 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.5002 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER CU-T

MEAN= 0.0037 STANDARD DEVIATION= 0.0041

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.80561	0.94167	0.60941	44
-0.42701	1.14490	0.41594	44
-0.42701	1.15331	0.42528	44
0.31256	1.35435	0.21967	44
0.55909	1.46601	0.07893	44
-0.18049	1.44466	0.05797	44
-0.67354	1.45372	0.05213	44
-0.67354	1.55250	-0.05840	44
-0.67354	1.56358	-0.07640	44
-0.92006	1.57151	-0.08796	44
-0.67354	1.53685	-0.04459	44
-0.42701	1.45940	0.05626	44

R= 0.609 PROB= 0.000 AT LAG 1
R= 0.416 PROB= 0.005 AT LAG 2
R= 0.425 PROB= 0.004 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6094 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER FE-T

MEAN= 0.7169 STANDARD DEVIATION= 1.6021

4 ZEROS OUT OF 56 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.39130	1.19679	0.43548	44
-0.35385	1.21093	0.41645	44
-0.37882	1.10476	0.51306	44
-0.39130	1.34160	0.27597	44
-0.21029	1.48232	0.11404	44
-0.33512	1.53866	0.04432	44
-0.28519	1.55524	0.02255	44
-0.32888	1.59949	-0.03693	44
-0.37882	1.62529	-0.07237	44
-0.44748	1.62898	-0.07937	44
-0.37882	1.59840	-0.04044	44
-0.36009	1.61544	-0.06169	44

R= 0.435 PROB= 0.003 AT LAG 1
R= 0.416 PROB= 0.005 AT LAG 2
R= 0.513 PROB= 0.000 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.5131 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER PB-T

MEAN= 0.0033 STANDARD DEVIATION= 0.0039

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.43208	1.11219	0.47941	44
-0.58671	1.33454	0.23845	44
-0.58671	1.19155	0.38845	44
-0.58671	1.23110	0.34722	44
-0.33201	1.49354	0.06710	44
0.17738	1.51462	0.04120	44
-0.07731	1.57053	-0.03314	44
0.17738	1.62724	-0.11818	44
-0.33201	1.65731	-0.16919	44
-0.84141	1.58826	-0.07450	44
-0.07731	1.63131	-0.11282	44
0.68678	1.63312	-0.12239	44

R= 0.479 PROB= 0.001 AT LAG 1
R= 0.388 PROB= 0.009 AT LAG 3
R= 0.347 PROB= 0.021 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4794 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO93COOO8 PARAMETER MN-T

MEAN= 0.0302 STANDARD DEVIATION= 0.0519

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.38886	1.23361	0.39422	44
-0.38886	1.27035	0.35064	44
-0.38886	1.08392	0.52957	44
-0.38886	1.38814	0.22493	44
-0.00344	1.47596	0.11922	44
-0.38886	1.53977	0.04174	44
-0.38886	1.56909	0.00255	44
-0.19615	1.59046	-0.02604	44
-0.38886	1.61991	-0.06753	44
-0.58157	1.63107	-0.08341	44
-0.38886	1.62329	-0.07535	44
-0.38886	1.62329	-0.07690	44

R= 0.394 PROB= 0.008 AT LAG 1
R= 0.351 PROB= 0.020 AT LAG 2
R= 0.530 PROB= 0.000 AT LAG 3

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.5296 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9BCOOO8 PARAMETER HG-T

MEAN= 0.0516 STANDARD DEVIATION= 0.0241

3 ZEROS OUT OF 56 VALUES = 5.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.06665	1.38722	0.08080	44
-0.06665	1.38722	0.00169	44
-0.06665	1.42203	0.00486	44
2.00760	1.42203	0.00175	44
2.00760	1.60305	-0.29502	44
-0.06665	1.42203	-0.07746	44
-0.06665	1.35152	0.07822	44
-0.06665	1.63326	-0.21967	44
-0.06665	1.48921	-0.00145	44
-2.14090	1.48921	-0.00434	44
-0.06665	1.48921	-0.00427	44
-0.06665	1.66293	-0.22344	44

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0808 PROBABILITY =0.602

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO[illegible]8 PARAMETER ZN-T

MEAN= 0.0154 STANDARD DEVIATION= 0.0221

2 ZEROS OUT OF 56 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.51733	1.02046	0.45680	44
-0.51733	1.12578	0.23974	44
-0.51733	1.10913	0.27469	44
2.01759	1.30665	0.10701	44
2.01759	1.41395	-0.02267	44
-0.56260	1.43494	-0.04376	44
-0.56260	1.47719	-0.07054	44
-0.10993	1.56567	-0.12670	44
-0.56260	1.59549	-0.12114	44
-0.69840	1.59426	-0.12712	44
-0.51733	1.58175	-0.11654	44
-0.20046	1.56769	-0.10359	44

R= 0.457 PROB= 0.002 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4568 PROBABILITY =0.002

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER T-AF

MEAN= -0.1393 STANDARD DEVIATION= 17.1844

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.29907	0.47542	0.89671	16
0.70641	0.52278	0.78551	16
0.53184	0.74330	0.64345	16
-0.05009	0.92753	0.49315	16
-1.09755	1.07861	0.36538	16
-1.03936	1.19620	0.19652	16
-1.03936	1.34309	0.00303	16
-0.89388	1.43414	0.0	16
-1.15574	1.58107	0.0	16
-1.62128	1.71400	0.0	16
-1.73767	1.81801	0.0	16
-1.09755	1.87011	C.0	16

R= 0.897 PROB= 0.000 AT LAG 1
R= 0.786 PROB= 0.000 AT LAG 2
R= 0.643 PROB= 0.007 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8967 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER T-WF

MEAN= 5.8036 STANDARD DEVIATION= 5.8044

5 ZEROS OUT OF 28 VALUES = 17.9%

VALUE	REDUND.	ACF	#OBSERV.
0.37841	0.71619	0.84054	16
0.72297	0.68845	0.77623	16
0.11998	1.00503	0.56136	16
-0.48300	1.12273	0.41518	16
-1.08599	1.26637	0.27255	16
-0.99985	1.29516	0.13733	16
-0.99985	1.38111	-0.01618	16
-0.65529	1.39797	0.0	16
-1.17213	1.52003	0.0	16
-1.17213	1.55933	0.0	16
-0.99985	1.63256	0.0	16
-0.65529	1.68622	0.0	16

R= 0.841 PROB= 0.000 AT LAG 1
R= 0.776 PROB= 0.000 AT LAG 2
R= 0.561 PROB= 0.024 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8405 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER PH-F

MEAN= 8.1179 STANDARD DEVIATION= 1.7112

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.63239	1.79870	0.02450	16
0.10644	1.82368	-0.05340	16
0.22332	1.80598	-0.04661	16
0.63239	1.85098	-0.09916	16
0.45707	1.76196	-0.01761	16
-0.36106	1.85150	-0.12136	16
-0.71169	1.86093	-0.13377	16
-0.30262	1.19299	0.0	16
-0.06887	1.23553	0.0	16
-0.01043	1.29037	0.0	16
-0.06887	1.31259	0.0	16
-0.24419	1.31746	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0245 PROBABILITY =0.928

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER SC-F

MEAN= 273.1428 STANDARD DEVIATION= 109.8592

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.88425	1.13755	0.55938	16
-0.30168	1.13322	0.53472	16
-0.30168	1.30754	0.36932	16
0.38101	1.41105	0.26291	16
0.42652	1.52286	0.11152	16
0.24447	1.67838	-0.07094	16
0.79062	1.53448	0.05591	16
0.83614	1.69224	0.0	16
0.69960	1.69448	0.0	16
0.79062	1.79460	0.0	16
1.60985	1.78611	0.0	16
1.24575	1.83052	0.0	16

R= 0.559 PROB= 0.024 AT LAG 1
R= 0.535 PROB= 0.033 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5594 PROBABILITY =0.024

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER T-WL

MEAN= 21.5321 STANDARD DEVIATION= 2.0242

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.01585	0.88052	0.07325	16
0.03356	0.98393	-0.07404	16
0.28057	1.00631	-0.03792	16
0.67577	1.10851	0.18505	16
-3.86916	0.94195	0.08158	16
-0.26285	0.97942	-0.04242	16
0.23116	1.02813	-0.07806	16
0.18176	1.47627	0.0	16
-1.49789	1.40940	0.0	16
-0.75687	1.22437	0.0	16
-0.11465	1.35432	0.0	16
0.13236	1.42490	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.1850 PROBABILITY =0.493

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER PH-L

MEAN= 7.9511 STANDARD DEVIATION= 0.2598

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.76560	1.02161	0.51383	16
0.18832	1.30064	0.33815	16
0.38075	1.39673	0.17142	16
-1.35106	1.45436	0.21250	16
0.49620	1.43110	0.15193	16
0.18832	1.62993	-0.02776	16
0.38075	1.63984	-0.15840	16
-0.19652	1.58805	0.0	16
1.15044	1.70173	0.0	16
1.15044	1.67624	0.0	16
0.95802	1.60198	0.0	16
0.95802	1.62250	0.0	16

R= 0.514 PROB= 0.042 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5138 PROBABILITY =0.042

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER SC-L

MEAN= 263.0391 STANDARD DEVIATION= 71.4379

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.85164	0.86108	0.74726	16
-0.66266	1.02327	0.60576	16
-0.30571	1.23279	0.37949	16
-0.09433	1.31818	0.26967	16
0.98912	1.30761	0.24513	16
0.57338	1.45404	0.10072	16
0.75535	1.50027	0.03512	16
0.74136	1.62802	0.0	16
0.72736	1.68189	0.0	16
0.75535	1.71441	0.0	16
0.93733	1.75466	0.0	16
1.04932	1.81560	0.0	16

R= 0.747 PROB= 0.001 AT LAG 1
R= 0.606 PROB= 0.013 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7473 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER TURB

MEAN= 2.3368 STANDARD DEVIATION= 4.9344

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.08374	1.89258	-0.03898	16
-0.23038	1.42340	0.41365	16
-0.35197	1.42328	0.07855	16
-0.33171	1.53821	-0.03207	16
-0.37021	1.16879	0.13851	16
-0.40466	1.30640	0.02861	16
-0.39048	1.28993	0.03497	16
-0.42898	1.29026	0.0	16
-0.33171	1.39331	0.0	16
-0.35197	1.40221	0.0	16
-0.40872	1.39281	0.0	16
-0.39250	1.39844	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4137 PROBABILITY =0.111

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER COLR

MEAN= 26.8214 STANDARD DEVIATION= 31.3369

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.26099	1.45800	0.35988	16
-0.31341	1.52937	0.30349	16
-0.47297	1.69046	0.07810	16
-0.53679	1.78478	-0.02886	16
-0.53679	1.52780	0.20311	16
-0.53679	1.64387	0.07919	16
-0.63253	1.47813	0.22474	16
-0.69635	1.66446	0.0	16
-0.53679	1.75564	0.0	16
-0.53679	1.49959	0.0	16
-0.53679	1.53149	0.0	16
-0.53679	1.53543	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3599 PROBABILITY =0.171

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

28 ZEROS OUT OF 28 VALUES = 100.0%

00YT09AH0012 PARAMETER ALKT

MEAN= 124.8250 STANDARD DEVIATION= 35.0254

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.76587	0.70714	0.83490	16
-0.51463	0.99373	0.64799	16
-0.28336	1.22835	0.41353	16
-0.00642	1.36920	0.25910	16
0.62740	1.36998	0.21871	16
0.69592	1.45433	0.12219	16
0.83297	1.52031	0.04383	16
0.86152	1.61337	0.0	16
0.80442	1.70188	0.0	16
0.89007	1.74722	0.0	16
1.06137	1.82924	0.0	16
1.06137	1.87625	0.0	16

R= 0.835 PROB= 0.000 AT LAG 1
R= 0.648 PROB= 0.007 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8349 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER HARD

MEAN= 132.2857 STANDARD DEVIATION= 37.0865

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.76539	0.65181	0.87106	16
-0.56855	0.94240	0.68224	16
-0.27465	1.16832	0.45951	16
-0.04815	1.31945	0.29664	16
0.68258	1.34603	0.22775	16
0.70415	1.43371	0.12794	16
0.90907	1.50832	0.03433	16
0.85515	1.59285	0.0	16
0.82818	1.69255	0.0	16
0.90907	1.74827	0.0	16
1.04389	1.84279	0.0	16
1.09782	1.89187	0.0	16

R= 0.871 PROB= 0.000 AT LAG 1
R= 0.682 PROB= 0.004 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8711 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER CA-D

MEAN= 38.2035 STANDARD DEVIATION= 10.1183

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.87006	0.62779	0.87514	16
-0.60321	0.98474	0.65054	16
-0.36602	1.22809	0.39711	16
-0.01023	1.38325	0.22396	16
0.67170	1.42795	0.16215	16
0.69147	1.46324	0.10144	16
0.95831	1.47871	0.06083	16
0.85948	1.55243	0.0	16
0.82983	1.65326	0.0	16
0.92867	1.71779	0.0	16
1.03738	1.82446	0.0	16
1.09668	1.88465	0.0	16

R= 0.875 PROB= 0.000 AT LAG 1

R= 0.651 PROB= 0.006 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8751 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER MG-D

MEAN= 8.9571 STANDARD DEVIATION= 3.1568

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.49326	0.97228	0.73006	16
-0.46158	1.09129	0.61702	16
-0.08145	1.20813	0.48643	16
-0.11313	1.34622	0.33895	16
0.64713	1.18314	0.30676	16
0.64713	1.40541	0.11850	16
0.74216	1.54687	-0.03088	16
0.77384	1.62522	0.0	16
0.74216	1.69652	0.0	16
0.77384	1.74080	0.0	16
0.96390	1.80290	0.0	16
0.99558	1.81628	0.0	16

R= 0.730 PROB= 0.001 AT LAG 1
R= 0.617 PROB= 0.011 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7301 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER K -D

MEAN= 1.5286 STANDARD DEVIATION= 0.2917

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.12640	0.96204	0.66226	16
-0.78357	1.01408	0.57874	16
-1.12640	1.26252	0.29805	16
-0.44075	1.23010	0.25181	16
0.24489	1.21508	0.17688	16
0.24489	1.31942	0.07191	16
0.24489	1.31104	0.03680	16
0.93053	1.52112	0.0	16
0.93053	1.60340	0.0	16
0.58771	1.75644	0.0	16
1.27335	1.84017	0.0	16
0.93053	1.86397	0.0	16

R= 0.662 PROB= 0.005 AT LAG 1
R= 0.579 PROB= 0.019 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6623 PROBABILITY =0.005

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER NA-D

MEAN= 5.8286 STANDARD DEVIATION= 1.3363

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.76969	0.82823	0.79066	16
-0.54519	1.11370	0.59032	16
-0.24587	1.35202	0.34229	16
-0.02138	1.46543	0.20913	16
0.72694	1.45272	0.17929	16
0.65211	1.57701	0.04860	16
0.80177	1.59379	0.01123	16
0.80177	1.67066	0.0	16
0.80177	1.71807	0.0	16
0.72694	1.70754	0.0	16
0.95143	1.79770	0.0	16
0.87660	1.82907	0.0	16

R= 0.791 PROB= 0.000 AT LAG 1
R= 0.590 PROB= 0.016 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7907 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER CL-D

MEAN= 0.9250 STANDARD DEVIATION= 0.1647

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.97291	0.84499	0.66666	16
-1.97291	0.95984	0.45361	16
-0.75880	1.12551	0.30364	16
-1.36585	1.20459	0.09649	16
-0.75880	1.18532	0.00580	16
0.45531	1.26065	-0.09546	16
0.45531	1.20459	-0.11135	16
0.45531	1.31431	0.0	16
0.45531	1.39919	0.0	16
0.45531	1.37428	0.0	16
1.06237	1.44774	0.0	16
1.06237	1.60612	0.0	16

R= 0.667 PROB= 0.005 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6667 PROBABILITY =0.005

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTC9AH0012 PARAMETER F -D

MEAN= 0.1664 STANDARD DEVIATION= 0.0364

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.82520	1.41709	0.28673	16
-0.72556	1.32445	0.27567	16
-1.05545	1.40724	0.15199	16
-1.41283	1.50527	-0.06376	16
-0.72556	1.28620	0.01010	16
0.26412	1.47465	-0.13685	16
-0.17573	1.41574	-0.15601	16
0.89642	1.66673	0.0	16
0.64900	1.58661	0.0	16
0.64900	1.46610	0.0	16
0.70398	1.45670	0.0	16
0.53903	1.47959	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2867 PROBABILITY =0.282

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER SIO2

MEAN= 11.2928 STANDARD DEVIATION= 1.2966

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.45721	0.90722	0.73227	16
-0.38008	1.28922	0.46249	16
-0.38008	1.57443	0.13788	16
-0.68858	1.79394	-0.11247	16
0.23690	1.96957	-0.31986	16
0.23690	2.04285	-0.42441	16
0.62252	2.09274	-0.51122	16
0.46827	1.96843	0.0	16
0.54539	1.82517	0.0	16
0.39115	1.52684	0.0	16
0.69964	1.47444	0.0	16
0.62252	1.48324	0.0	16

R= 0.732 PROB= 0.001 AT LAG 1
R= -.511 PROB= 0.043 AT LAG 7

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7323 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER S04

MEAN= 13.1357 STANDARD DEVIATION= 5.6758

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.69341	0.69465	0.82782	16
-0.58770	0.94248	0.64892	16
-0.37628	1.07086	0.47338	16
-0.00629	1.21955	0.32835	16
0.15228	1.28457	0.21972	16
0.41656	1.37066	0.11945	16
0.20513	1.43947	0.02034	16
1.20939	1.57192	0.0	16
1.12130	1.72295	0.0	16
1.29748	1.86311	0.0	16
0.85702	1.95149	0.0	16
0.59274	1.91506	0.0	16

R= 0.828 PROB= 0.000 AT LAG 1
R= 0.649 PROB= 0.007 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8278 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER NN-D

MEAN= 0.0904 STANDARD DEVIATION= 0.1238

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.56887	1.50671	0.31281	16
-0.61733	1.56974	0.24765	16
-0.35078	1.50759	0.28985	16
-0.44771	1.73850	0.02665	16
0.19847	1.75577	-0.00663	16
-0.15693	1.74138	-0.00056	16
0.01270	1.80482	-0.09518	16
0.41656	1.85651	0.0	16
0.23886	1.83402	0.0	16
0.19847	1.94764	0.0	16
0.97389	1.96122	0.0	16
0.26309	1.98653	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3128 PROBABILITY =0.238

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER RNFL

MEAN= 15.1429 STANDARD DEVIATION= 28.5342

5 ZEROS OUT OF 28 VALUES = 17.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.18023	1.86865	-0.02722	16
-0.46060	1.55896	0.28189	16
-0.28537	1.23312	0.20787	16
-0.42555	1.55045	-0.06889	16
-0.53069	1.05556	0.26639	16
-0.53069	1.31380	0.08061	16
-0.39051	1.51134	-0.09582	16
-0.53069	1.09560	0.0	16
-0.53069	1.41678	0.0	16
-0.46060	1.37048	0.0	16
-0.46060	1.32181	0.0	16
-0.39051	1.42908	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2819 PROBABILITY =0.290

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER R-FL

MEAN= 153.5000 STANDARD DEVIATION= 73.3997

4 ZEROS OUT OF 28 VALUES = 14.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.36104	1.21140	0.10972	16
-0.21117	1.03079	-0.07167	16
-0.02044	0.98320	0.17118	16
-0.00681	1.39584	0.04535	16
-2.09129	1.44092	-0.08304	16
-0.04768	1.53329	-0.21416	16
0.38828	1.49971	-0.15152	16
-2.09129	1.60153	0.0	16
-2.09129	1.68259	0.0	16
0.93325	1.20562	0.0	16
1.15123	1.16539	0.0	16
1.06949	1.40484	0.0	16

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1712 PROBABILITY =0.526

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO34HOO12 PARAMETER RFNF

MEAN= 11.7143 STANDARD DEVIATION= 27.6631

10 ZEROS OUT OF 28 VALUES = 35.7%

VALUE	REDUND.	ACF	#OBSERV.
-0.13427	1.94856	-0.12476	16
-0.38731	1.60416	0.22810	16
-0.20657	1.29290	0.13422	16
-0.42346	1.53480	-0.07862	16
-0.42346	1.07987	0.22618	16
-0.42346	1.33226	0.03676	16
-0.35116	1.48369	-0.09301	16
-0.42346	1.11492	0.0	16
-0.42346	1.40518	0.0	16
-0.42346	1.38675	0.0	16
-0.42346	1.30460	0.0	16
-0.35116	1.40294	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2281 PROBABILITY =0.396

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER R-FF

MEAN= 103.1786 STANDARD DEVIATION= 58.1601

4 ZEROS OUT OF 28 VALUES = 14.3%

VALUE	REDUND.	ACF	#OBSERV.
-0.15782	1.34747	-0.11763	16
0.03132	1.15529	-0.08950	16
0.22045	1.33768	0.19021	16
0.44397	1.48501	0.11045	16
-1.77404	1.76205	-0.41455	16
0.70188	1.68976	-0.18608	16
0.52994	1.43137	0.05516	16
-1.77404	1.67515	0.0	16
-1.77404	1.67531	0.0	16
1.52719	1.17893	0.0	16
-0.36414	1.35424	0.0	16
-0.39853	1.45664	0.0	16

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1902 PROBABILITY =0.480

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER AS-X

MEAN= 0.0004 STANDARD DEVIATION= 0.0001

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
1.13640	1.69435	-0.02181	16
-0.24703	1.56594	0.11875	16
0.44468	1.42601	0.15849	16
-0.24703	1.28248	0.09885	16
-0.93875	1.31699	0.07714	16
-0.24703	1.58492	-0.13438	16
-0.24703	1.35062	-0.05555	16
-1.63047	1.38343	0.0	16
-0.24703	1.40488	0.0	16
-0.24703	1.30558	0.0	16
-0.24703	1.44683	0.0	16
-0.24703	1.46735	0.0	16

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1585 PROBABILITY =0.558

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER SE-X

MEAN= 0.0002 STANDARD DEVIATION= 0.0002

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.48906	1.88919	-0.13386	16
-0.48906	1.53730	0.00267	16
-0.48906	1.48409	0.07150	16
-0.48906	1.65805	-0.14916	16
0.01812	1.53730	-0.00673	16
-0.48906	1.60384	-0.09011	16
0.01812	1.38896	0.09415	16
0.52529	1.63854	0.0	16
-0.48906	1.67733	0.0	16
0.52529	1.66772	0.0	16
0.01812	1.62870	0.0	16
-0.48906	1.59882	0.0	16

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.0941 PROBABILITY =0.729

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER CD-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

27 ZEROS OUT OF 28 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.0	-0.04332	16
5.10252	0.0	-0.00255	16
-0.18898	0.0	-0.00132	16
-0.18898	0.0	-0.01082	16
-0.18898	0.0	-0.00686	16
-0.18898	0.0	-0.01127	16
-0.18898	0.0	-0.00577	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	1.32288	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER CU-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0006

27 ZEROS OUT OF 28 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.0	-0.03996	16
5.10252	0.0	-0.00274	16
-0.18898	0.0	-0.00402	16
-0.18898	0.0	-0.00569	16
-0.18898	0.0	-0.00687	16
-0.18898	0.0	-0.00835	16
-0.18898	0.0	-0.00947	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	1.32288	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER ZN-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0004

27 ZEROS OUT OF 28 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.0	-0.03984	16
5.10252	0.0	-0.00275	16
-0.18898	0.0	-0.00412	16
-0.18898	0.0	-0.00550	16
-0.18898	0.0	-0.00687	16
-0.18898	0.0	-0.00825	16
-0.18898	0.0	-0.00961	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	1.32288	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER FE-X

MEAN= 0.0043 STANDARD DEVIATION= 0.0227

27 ZEROS OUT OF 28 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.0	-0.03983	16
5.10252	0.0	-0.00275	16
-0.18898	0.0	-0.00412	16
-0.18898	0.0	-0.00549	16
-0.18898	0.0	-0.00687	16
-0.18898	0.0	-0.00824	16
-0.18898	0.0	-0.00962	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	1.32288	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER PB-X

MEAN= 0.0000 STANDARD DEVIATION= 0.0002

27 ZEROS OUT OF 28 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.0	-0.03983	16
5.10252	0.0	-0.00275	16
-0.18898	0.0	-0.00412	16
-0.18898	0.0	-0.00549	16
-0.18898	0.0	-0.00687	16
-0.18898	0.0	-0.00824	16
-0.18898	0.0	-0.00962	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	1.32288	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER MN-X

MEAN= 0.0007 STANDARD DEVIATION= 0.0038

27 ZEROS OUT OF 28 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.0	-0.03983	16
5.10252	0.0	-0.00275	16
-0.18898	0.0	-0.00412	16
-0.18898	0.0	-0.00549	16
-0.18898	0.0	-0.00687	16
-0.18898	0.0	-0.00824	16
-0.18898	0.0	-0.00962	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	1.32288	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER HG-X

MEAN= 0.0021 STANDARD DEVIATION= 0.0113

27 ZEROS OUT OF 28 VALUES = 96.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.0	-0.03983	16
5.10252	0.0	-0.00275	16
-0.18898	0.0	-0.00412	16
-0.18898	0.0	-0.00549	16
-0.18898	0.0	-0.00687	16
-0.18898	0.0	-0.00824	16
-0.18898	0.0	-0.00962	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	0.0	0.0	16
-0.18898	1.32288	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER N-TD

MEAN= 0.2934 STANDARD DEVIATION= 0.1431

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.26147	1.91783	-0.12327	16
-0.46406	1.91626	-0.13050	16
-0.81336	1.86793	-0.07502	16
-0.31736	1.93037	-0.15797	16
-0.03792	1.51048	0.26121	16
-0.54789	1.80197	-0.02470	16
-0.33133	1.72276	0.05161	16
0.19960	1.90389	0.0	16
-0.00299	1.87837	0.0	16
-0.14271	1.73372	0.0	16
0.20659	1.85933	0.0	16
-0.42215	1.69712	0.0	16

MAXIMUM COHERENCE AT 5 WEEK INTERVALS RMAX= 0.2612 PROBABILITY =0.328

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER P -T

MEAN= 0.0216 STANDARD DEVIATION= 0.0258

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.33364	1.57013	0.24721	16
-0.60499	1.35236	0.41957	16
-0.64375	1.34092	0.26149	16
-0.72128	1.64051	-0.00867	16
-0.68252	1.09969	0.37907	16
-0.68252	1.45011	0.09702	16
-0.64375	1.41268	0.12389	16
-0.64375	1.42956	0.0	16
0.05399	1.51971	0.0	16
-0.29488	1.45483	0.0	16
-0.64375	1.45821	0.0	16
-0.60499	1.43733	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4196 PROBABILITY =0.106

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOC12 PARAMETER TIC

MEAN= 31.5357 STANDARD DEVIATION= 10.3404

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.63205	0.79490	0.76471	16
-0.53535	1.10051	0.52858	16
-0.43864	1.26485	0.34596	16
-0.24522	1.37447	0.21695	16
0.81856	1.37745	0.22652	16
0.72185	1.51988	0.10329	16
0.43173	1.67363	-0.09309	16
0.33502	1.69618	0.0	16
0.62515	1.73990	0.0	16
0.72185	1.70820	0.0	16
1.59222	1.72098	0.0	16
1.97905	1.79333	0.0	16

R= 0.765 PROB= 0.001 AT LAG 1
R= 0.529 PROB= 0.035 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7647 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER TOC

MEAN= 9.3857 STANDARD DEVIATION= 5.9336

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.18297	1.37974	0.38885	16
0.10353	1.69500	0.07701	16
-0.03130	1.80059	-0.07694	16
-0.01444	1.92881	-0.16424	16
-0.87395	1.82616	-0.07922	16
-0.68857	1.66580	0.07336	16
-0.67171	1.57720	0.12075	16
0.27206	1.79440	0.0	16
-0.35151	1.79913	0.0	16
-0.60430	1.44964	0.0	16
-0.85710	1.40095	0.0	16
0.44059	1.47322	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3888 PROBABILITY =0.137

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER CD-T

MEAN= 0.0001 STANDARD DEVIATION= 0.0002

23 ZEROS OUT OF 28 VALUES = 82.1%

VALUE	REDUND.	ACF	#OBSERV.
2.10611	0.0	0.07620	16
-0.45785	0.64099	0.30037	16
2.10611	0.64099	0.33038	16
2.10611	0.64099	-0.12410	16
-0.45785	0.64099	0.35825	16
2.10611	0.64099	-0.08735	16
-0.45785	0.90650	0.15012	16
-0.45785	0.90650	0.0	16
-0.45785	1.11023	0.0	16
-0.45785	1.28198	0.0	16
2.10611	1.28198	0.0	16
-0.45785	1.43330	0.0	16

MAXIMUM COHERENCE AT 5 WEEK INTERVALS RMAX= 0.3582 PROBABILITY =0.173

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTC9AHOO12 PARAMETER CU-T

MEAN= 0.0026 STANDARD DEVIATION= 0.0024

2 ZEROS OUT OF 28 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
1.00626	1.51623	0.14520	16
-1.09637	1.31729	0.34758	16
0.16521	1.23501	0.11493	16
-0.67584	1.29615	0.01054	16
-1.09637	1.15166	0.12166	16
-0.67584	1.38678	-0.04135	16
-0.67584	1.04604	0.19030	16
-0.67584	1.30040	0.0	16
0.16521	1.15644	0.0	16
0.16521	1.38279	0.0	16
-0.67584	1.44532	0.0	16
-0.67584	1.50158	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.3476 PROBABILITY =0.187

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTC9AHC012 PARAMETER FE-T

MEAN= 0.4468 STANDARD DEVIATION= 0.6964

2 ZEROS OUT OF 28 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.25387	1.74229	0.09747	16
-0.64160	1.46521	0.36120	16
-0.48364	1.34858	0.13758	16
-0.41183	1.50383	-0.00561	16
-0.64160	1.00368	0.31194	16
-0.48364	1.34169	0.06805	16
-0.44056	1.13786	0.22121	16
-0.48364	1.37288	0.0	16
-0.49800	1.44722	0.0	16
-0.28259	1.44444	0.0	16
-0.42620	1.42683	0.0	16
-0.42620	1.43297	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.3612 PROBABILITY =0.169

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER PB-Γ

MEAN= 0.0021 STANDARD DEVIATION= 0.0017

2 ZEROS OUT OF 28 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.06276	1.19876	-0.02604	16
-1.23438	1.09594	0.18285	16
-0.64857	0.97145	-0.00079	16
-0.64857	1.28510	-0.09521	16
-1.23438	1.38162	-0.12308	16
-0.06276	1.23342	-0.09550	16
-0.06276	1.47182	-0.29469	16
-0.64857	1.36601	0.0	16
3.45207	1.33423	0.0	16
0.52304	1.44238	0.0	16
1.10885	1.34225	0.0	16
-0.64857	1.16242	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.1829 PROBABILITY =0.498

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER MN-T

MEAN= 0.0246 STANDARD DEVIATION= 0.0197

2 ZEROS OUT OF 28 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.74265	1.30543	0.39236	16
-1.24983	1.19618	0.46541	16
-0.23548	1.28682	0.32624	16
-0.23548	1.51093	0.13014	16
-1.24983	1.27427	0.26996	16
-0.74265	1.55808	0.05934	16
-0.74265	1.41761	0.15470	16
-0.74265	1.42327	0.0	16
-0.74265	1.53206	0.0	16
0.27170	1.48409	0.0	16
-0.74265	1.46775	0.0	16
-0.23548	1.50560	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4654 PROBABILITY =0.069

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER HG-T

MEAN= 0.0496 STANDARD DEVIATION= 0.0206

2 ZEROS OUT OF 28 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
0.01732	0.0	-0.33373	16
-2.40572	0.0	-0.32948	16
3.89418	0.12115	0.22827	16
0.01732	0.12115	0.00353	16
-2.40572	0.12115	-0.03324	16
0.01732	0.12115	0.00244	16
0.01732	0.12115	0.07555	16
0.01732	0.61776	0.0	16
0.01732	0.61776	0.0	16
0.50193	1.14935	0.0	16
0.01732	1.29921	0.0	16
0.01732	1.29921	0.0	16

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.2283 PROBABILITY =0.395

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9AHOO12 PARAMETER ZN-T

MEAN= 0.0044 STANDARD DEVIATION= 0.0057

2 ZEROS OUT OF 28 VALUES = 7.1%

VALUE	REDUND.	ACF	#OBSERV.
-0.58790	0.84892	0.57277	16
-0.76302	1.22349	0.05444	16
-0.58790	1.02953	-0.08033	16
-0.58790	0.95215	-0.15800	16
-0.76302	1.30020	-0.28615	16
0.28770	1.45465	-0.27630	16
2.21402	1.39479	-0.13825	16
2.73938	1.44540	0.0	16
0.63794	1.48594	0.0	16
0.46282	1.46842	0.0	16
-0.06254	1.38583	0.0	16
-0.58790	1.42268	0.0	16

R= 0.573 PROB= 0.020 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5728 PROBABILITY =0.020

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER T-AF

MEAN= 3.7393 STANDARD DEVIATION= 12.4045

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.34348	0.59347	0.63920	16
0.18225	0.82843	0.45934	16
0.34348	0.99636	0.50356	16
-0.54329	0.98699	0.29690	16
-0.26114	1.07747	0.22042	16
0.86748	1.29155	0.09434	16
-1.26884	1.30638	0.02817	16
-1.83314	1.31823	0.0	16
-0.71259	1.56538	0.0	16
-2.55869	1.60664	0.0	16
-1.26884	1.58185	0.0	16
-0.46268	1.73032	0.0	16

R= 0.639 PROB= 0.008 AT LAG 1
R= 0.504 PROB= 0.047 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6392 PROBABILITY =0.008

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER T-WF

MEAN= 5.1500 STANDARD DEVIATION= 5.5133

3 ZEROS OUT OF 28 VALUES = 10.7%

VALUE	REDUND.	ACF	#OBSERV.
0.15417	0.39733	0.94155	16
-0.20859	0.64534	0.84348	16
0.15417	0.88422	0.69218	16
-0.66204	1.05890	0.52055	16
-0.87970	1.20416	0.33216	16
-0.93411	1.34576	0.16792	16
-0.93411	1.44991	0.02008	16
-0.91597	1.52992	0.0	16
-0.89784	1.58293	0.0	16
-0.66204	1.65214	0.0	16
-0.93411	1.68446	0.0	16
-0.89784	1.71477	0.0	16

R= 0.942 PROB= 0.000 AT LAG 1
R= 0.843 PROB= 0.000 AT LAG 2
R= 0.692 PROB= 0.003 AT LAG 3
R= 0.521 PROB= 0.039 AT LAG 4

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9415 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER PH-F

MEAN= 7.1014 STANDARD DEVIATION= 1.4035

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.14149	0.16511	0.00641	16
0.21274	0.20178	-0.06945	16
0.21274	0.19195	0.02133	16
0.14149	0.19781	-0.02687	16
0.35524	0.20858	-0.02581	16
0.21274	1.30487	-0.00887	16
-5.05984	1.32222	-0.00245	16
0.14149	1.33616	0.0	16
0.35524	1.33121	0.0	16
0.07024	1.33763	0.0	16
0.21274	1.29271	0.0	16
0.14149	1.32816	0.0	16

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.0213 PROBABILITY =0.938

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER SC-F

MEAN= 38.0357 STANDARD DEVIATION= 22.9823

6 ZEROS CUT OF 28 VALUES = 21.4%

VALUE	REDUND.	ACF	#OBSERV.
-1.65500	1.09165	0.34169	16
-1.65500	0.95013	0.30632	16
-1.65500	1.17949	0.20791	16
-1.65500	1.11439	0.09853	16
-0.26262	1.23200	-0.02458	16
0.17249	1.27416	0.03545	16
0.08547	1.26226	-0.00723	16
0.43356	0.99579	0.0	16
0.86868	1.51563	0.0	16
-1.65500	1.52733	0.0	16
0.52059	1.59353	0.0	16
0.95571	1.67471	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3417 PROBABILITY =0.195

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER T-WL

MEAN= 21.1821 STANDARD DEVIATION= 1.1604

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.27397	1.46582	0.03290	16
-0.07073	1.62700	-0.21642	16
0.79105	1.45278	-0.03521	16
0.01544	1.22368	0.13614	16
-0.15692	1.65991	-0.28505	16
0.10162	1.58392	-0.15335	16
0.96340	1.17847	0.09780	16
-2.39755	1.37362	0.0	16
-1.01870	1.39791	0.0	16
-0.32927	1.22993	0.0	16
0.01544	1.43024	0.0	16
-0.32927	1.36718	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.1361 PROBABILITY =0.615

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER PH-L

MEAN= 7.5550 STANDARD DEVIATION= 0.2796

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.19671	1.08584	0.56752	16
0.08943	1.28089	0.27615	16
-0.55430	1.51991	0.09209	16
-0.19668	1.49137	0.09333	16
0.16095	1.37203	0.20205	16
-0.19668	1.58302	0.02575	16
0.51858	1.59372	-0.12896	16
0.69739	1.67801	0.0	16
0.87620	1.55821	0.0	16
1.23383	1.50471	0.0	16
-0.19668	1.58942	0.0	16
-0.55430	1.73135	0.0	16

R= 0.568 PROB= 0.022 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5675 PROBABILITY =0.022

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER SC-L

MEAN= 77.5607 STANDARD DEVIATION= 26.6905

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.05883	0.45159	0.91831	16
-1.01387	0.72634	0.75781	16
-0.76659	1.01275	0.54284	16
-0.68791	1.23156	0.33348	16
-0.59799	1.41358	0.12427	16
-0.18586	1.56766	-0.07432	16
0.05393	1.70177	-0.24378	16
0.24126	1.82811	0.0	16
0.23751	1.92373	0.0	16
0.63466	1.95275	0.0	16
0.76579	1.96489	0.0	16
0.87819	1.93165	0.0	16

R= 0.918 PROB= 0.000 AT LAG 1
R= 0.758 PROB= 0.001 AT LAG 2
R= 0.543 PROB= 0.030 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9183 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AC0001 PARAMETER TURB

MEAN= 12.1586 STANDARD DEVIATION= 13.5434

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
1.46503	1.15317	0.56173	16
0.68974	1.08036	0.52298	16
-0.26275	1.52266	0.14920	16
-0.63194	1.58733	0.08128	16
-0.58025	1.76995	-0.11656	16
-0.51749	1.81263	-0.18666	16
-0.60978	1.78241	-0.27271	16
-0.75746	1.75519	0.0	16
-0.55810	1.49059	0.0	16
-0.67624	1.47792	0.0	16
-0.63932	1.45782	0.0	16
-0.77961	1.56268	0.0	16

R= 0.562 PROB= 0.024 AT LAG 1

R= 0.523 PROB= 0.038 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5617 PROBABILITY =0.024

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER COLR

MEAN= 11.3571 STANDARD DEVIATION= 8.6974

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
1.33865	1.26114	0.42593	16
1.56861	1.30935	0.26867	16
0.41884	1.72464	-0.14022	16
-0.73092	1.75433	-0.15518	16
-0.15604	1.78352	-0.21237	16
-0.15604	1.71864	-0.18247	16
-0.15604	1.80081	-0.25510	16
-0.73092	1.75433	0.0	16
-0.15604	1.63866	0.0	16
-0.15604	1.60684	0.0	16
-0.73092	1.26930	0.0	16
-0.15604	1.38420	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4259 PROBABILITY =0.100

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

28 ZEROS OUT OF 28 VALUES = 100.0%

OC: 09AC0001 PARAMETER ALKT

MEAN= 33.8571 STANDARD DEVIATION= 12.3752

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND	ACF	#OBSERV
-1.07126	0.41343	0.92069	16
-0.99045	0.71352	0.75825	16
-0.78036	0.99011	0.54227	16
-0.68339	1.21740	0.32777	16
-0.57026	1.40540	0.10877	16
-0.15814	1.56108	-0.08289	16
0.06003	1.68948	-0.24187	16
0.22973	1.81544	0.0	16
0.22973	1.91396	0.0	16
0.73073	1.95108	0.0	16
0.81962	1.95485	0.0	16
0.79537	1.92927	0.0	16

R= 0.921 PROB= 0.000 AT LAG 1
R= 0.758 PROB= 0.001 AT LAG 2
R= 0.542 PROB= 0.030 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9207 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER HARD

MEAN= 36.0392 STANDARD DEVIATION= 13.0499

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.06048	0.43732	0.93282	16
-0.99151	0.74232	0.76494	16
-0.78462	1.01914	0.55286	16
-0.72331	1.23866	0.33439	16
-0.61603	1.41832	0.11243	16
-0.11795	1.56844	-0.07985	16
0.08895	1.69364	-0.23804	16
0.24221	1.81948	0.0	16
0.21156	1.91819	0.0	16
0.69432	1.95563	0.0	16
0.78627	1.95740	0.0	16
0.77861	1.92257	0.0	16

R= 0.933 PROB= 0.000 AT LAG 1
R= 0.765 PROB= 0.001 AT LAG 2
R= 0.553 PROB= 0.026 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9328 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER CA-D

MEAN= 11.4364 STANDARD DEVIATION= 4.3003

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.09444	0.52319	0.90827	16
-1.06421	0.76081	0.75433	16
-0.82236	0.99494	0.56415	16
-0.72469	1.21484	0.34738	16
-0.54099	1.42144	0.11162	16
-0.10148	1.58493	-0.08987	16
0.10781	1.69726	-0.23417	16
0.17757	1.81349	0.0	16
0.17757	1.91465	0.0	16
0.66591	1.96629	0.0	16
0.75893	1.95467	0.0	16
0.75893	1.94216	0.0	16

R= 0.908 PROB= 0.000 AT LAG 1
R= 0.754 PROB= 0.001 AT LAG 2
R= 0.564 PROB= 0.023 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9083 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER MG-D

MEAN= 1.8121 STANDARD DEVIATION= 0.7647

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.66974	1.37843	0.44093	16
-0.48666	1.49001	0.31368	16
-0.44742	1.33400	0.40149	16
-0.52589	1.65306	0.07969	16
-0.66974	1.60276	0.06785	16
-0.14665	1.64085	-0.01307	16
-0.01587	1.76060	-0.16102	16
0.40260	1.79758	0.0	16
0.24567	1.86517	0.0	16
0.63799	1.85940	0.0	16
0.66415	1.89340	0.0	16
0.63799	1.78545	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4409 PROBABILITY =0.087

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

DOYT09AC0001 PARAMETER K -D

MEAN= 0.9143 STANDARD DEVIATION= 0.2592

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.82663	0.34772	0.12016	16
-0.05510	0.55401	-0.07916	16
4.18832	0.63972	0.06335	16
-0.82663	0.71523	0.01038	16
-0.82663	0.72812	0.10668	16
-0.44087	0.82962	-0.01454	16
-0.44087	0.90983	-0.02801	16
0.33067	1.02064	0.0	16
-0.05510	1.09960	0.0	16
0.33067	1.37069	0.0	16
-0.05510	1.40089	0.0	16
0.33067	1.42067	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.1202 PROBABILITY =0.658

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER NA-D

MEAN= 1.5786 STANDARD DEVIATION= 0.4992

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.95875	0.94499	0.58211	16
-0.75841	1.23597	0.32779	16
1.24496	1.33547	0.28097	16
-0.35774	1.42454	0.17892	16
-0.35774	1.41748	0.13888	16
-0.15740	1.46876	0.03399	16
0.24327	1.59642	-0.08274	16
0.44361	1.67838	0.0	16
0.44361	1.73207	0.0	16
0.84428	1.71168	0.0	16
0.84428	1.71241	0.0	16
0.84428	1.80859	0.0	16

R= 0.582 PROB= 0.018 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5821 PROBABILITY =0.018

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

ODYT09AC0001 PARAMETER CL-D

MEAN= 0.3964 STANDARD DEVIATION= 0.1575

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.24728	0.65452	0.32127	16
0.02268	0.82486	0.04410	16
3.19758	1.01646	0.11488	16
-0.61230	1.17728	0.11268	16
-0.61230	1.27984	-0.06642	16
-0.61230	1.30904	-0.17326	16
0.65766	1.32815	-0.07306	16
0.02268	1.31863	0.0	16
0.02268	1.26996	0.0	16
0.65766	1.32815	0.0	16
0.02268	1.38390	0.0	16
0.02268	1.45492	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3213 PROBABILITY =0.225

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER F -D

MEAN= 0.2034 STANDARD DEVIATION= 0.0509

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.83328	1.25313	0.42614	16
-0.85179	1.02811	0.48272	16
-1.51921	1.28245	0.22257	16
-2.02958	0.81997	0.37270	16
-1.24439	1.35922	-0.04825	16
-0.85179	1.08885	0.01901	16
-0.06659	1.21319	-0.05745	16
-0.12548	0.92538	0.0	16
0.09045	1.41641	0.0	16
0.12971	1.32877	0.0	16
0.12971	1.48498	0.0	16
0.09045	1.46465	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4827 PROBABILITY =0.058

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER SIO2

MEAN= 5.4821 STANDARD DEVIATION= 1.3241

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.74171	0.50414	0.82528	16
-0.74171	0.65972	0.73116	16
-0.51515	0.82836	0.59846	16
-0.51515	1.02441	0.43057	16
-0.36411	1.19870	0.23319	16
0.01349	1.35332	0.06235	16
0.39109	1.49713	-0.09646	16
0.54213	1.64094	0.0	16
0.61765	1.79639	0.0	16
1.07078	1.90174	0.0	16
1.07078	1.95379	0.0	16
0.99526	1.97376	0.0	16

R= 0.825 PROB= 0.000 AT LAG 1
R= 0.731 PROB= 0.001 AT LAG 2
R= 0.598 PROB= 0.014 AT LAG 3

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.8253 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER SO4

MEAN= 3.4071 STANDARD DEVIATION= 1.4527

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.76213	0.90819	0.69820	16
-1.17515	0.98124	0.61493	16
0.20160	1.32724	0.38453	16
-0.41794	1.44866	0.24698	16
-0.83096	1.65049	-0.00285	16
-0.28026	1.68617	-0.07765	16
-0.00491	1.81247	-0.22712	16
0.13276	1.87377	0.0	16
0.13276	1.95945	0.0	16
0.47695	1.91109	0.0	16
0.61462	2.01357	0.0	16
0.33927	1.83471	0.0	16

R= 0.698 PROB= 0.003 AT LAG 1
R= 0.615 PROB= 0.011 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6982 PROBABILITY =0.003

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

00YT09AC0001 PARAMETER NN-D

MEAN= 0.0712 STANDARD DEVIATION= 0.0539

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.59648	1.53374	0.28148	16
-0.96722	1.36481	0.24658	16
-0.83746	1.32827	0.22603	16
-0.78185	1.50217	0.02392	16
-0.46672	1.62044	-0.10507	16
-0.07745	1.57539	-0.10210	16
0.51573	1.59800	-0.15961	16
-0.05891	1.74813	0.0	16
0.20060	1.74721	0.0	16
0.44158	1.87483	0.0	16
0.34889	1.56729	0.0	16
1.16451	1.76384	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2815 PROBABILITY =0.291

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER RNFL

MEAN= 48.2500 STANDARD DEVIATION= 91.6093

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.33021	1.70010	0.14845	16
-0.37387	1.19666	0.57330	16
-0.41753	1.75178	0.08316	16
-0.43937	1.71231	0.11027	16
-0.46120	1.86164	-0.05688	16
-0.46120	1.91827	-0.12465	16
-0.46120	1.91774	-0.15069	16
-0.52669	1.91040	0.0	16
-0.39570	1.74890	0.0	16
-0.43937	1.77107	0.0	16
-0.37387	1.41683	0.0	16
-0.48303	1.43639	0.0	16

R= 0.573 PROB= 0.020 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.5733 PROBABILITY =0.020

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER R-FL

MEAN= 81.0000 STANDARD DEVIATION= 69.5115

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.76246	1.80052	-0.00845	16
-0.67615	1.78253	0.00185	16
-0.44597	1.56569	0.18518	16
-0.54667	1.80407	-0.05869	16
0.10070	1.84928	-0.09389	16
-0.27334	1.47131	0.27175	16
-0.47474	1.67994	0.06489	16
-1.16527	1.82606	0.0	16
-0.15825	1.67266	0.0	16
-0.12947	1.34305	0.0	16
-0.30211	1.54308	0.0	16
-0.20141	1.37029	0.0	16

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.2718 PROBABILITY =0.309

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER RFNF

MEAN= 40.1071 STANDARD DEVIATION= 89.0573

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.27069	1.81788	0.01623	16
-0.32684	1.23104	0.54108	16
-0.39421	1.76492	0.07086	16
-0.38298	1.74495	0.07639	16
-0.42789	1.87219	-0.06458	16
-0.40544	1.90247	-0.08860	16
-0.42789	1.94149	-0.16076	16
-0.45035	1.89004	0.0	16
-0.33806	1.74351	0.0	16
-0.38298	1.75053	0.0	16
-0.42789	1.39765	0.0	16
-0.42789	1.40963	0.0	16

R= 0.541 PROB= 0.030 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.5411 PROBABILITY =0.030

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

CO*T09AC0001 PARAMETER R-FF

MEAN= 44.7857 STANDARD DEVIATION= 25.6881

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.80916	1.65952	-0.05337	16
-0.73130	1.69775	-0.14791	16
-0.18630	1.41825	-0.01365	16
-0.92594	1.12295	0.27992	16
1.21513	1.56630	0.03097	16
-0.49773	1.62553	-0.07146	16
-0.80916	1.37939	0.04304	16
-1.74344	1.14876	0.0	16
-0.41987	1.38186	0.0	16
0.51441	1.73273	0.0	16
0.04727	1.59533	0.0	16
-0.06951	1.21725	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2799 PROBABILITY =0.294

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER AS-X

MEAN= 0.0002 STANDARD DEVIATION= 0.0001

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.32540	1.21395	0.50287	16
-0.32540	1.42348	0.30507	16
-1.02628	1.58667	0.17032	16
-1.02628	1.73457	0.00508	16
-0.32540	1.74340	-0.01781	16
-0.32540	1.78688	-0.06191	16
-1.02628	1.74340	-0.04340	16
-0.32540	1.81247	0.0	16
-0.32540	1.87082	0.0	16
-0.32540	1.82933	0.0	16
0.37547	1.49707	0.0	16
-0.32540	1.43422	0.0	16

R= 0.503 PROB= 0.047 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5029 PROBABILITY =0.047

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYT09ACO001 PARAMETER SE-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0000

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.27235	1.34808	0.47742	16
-0.27235	1.90647	-0.07112	16
-0.27235	1.90647	-0.07886	16
-0.27235	1.90647	-0.08772	16
-0.27235	1.90647	-0.09132	16
-0.27235	1.90647	-0.09570	16
-0.27235	1.90647	-0.09776	16
-0.27235	1.90647	0.0	16
-0.27235	1.90647	0.0	16
-0.27235	1.65105	0.0	16
-0.27235	1.34808	0.0	16
-0.27235	1.34808	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4774 PROBABILITY =0.061

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER N-TD

MEAN= 0.1559 STANDARD DEVIATION= 0.0712

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.34971	1.55362	0.05835	16
-1.15049	1.45375	0.05557	16
-1.09430	1.34992	0.19548	16
1.57498	1.55882	-0.04498	16
-0.46210	1.63645	-0.07087	16
-0.16708	1.62635	-0.13115	16
0.11390	1.47445	-0.00387	16
-0.34971	1.66267	0.0	16
0.25439	1.47156	0.0	16
-0.15303	1.92572	0.0	16
0.15605	1.66105	0.0	16
0.52132	1.60376	0.0	16

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.1955 PROBABILITY =0.468

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9AC0001 PARAMETER P -T

MEAN= 0.0650 STANDARD DEVIATION= 0.0895

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.43622	1.47118	0.34449	16
-0.33565	1.37554	0.42090	16
-0.49210	1.63190	0.19116	16
-0.52562	1.51390	0.28644	16
-0.43622	1.82003	-0.02115	16
-0.53680	1.83179	-0.04640	16
-0.57032	1.80314	-0.11956	16
-0.72677	1.76456	0.0	16
-0.45857	1.74526	0.0	16
-0.58150	1.64606	0.0	16
-0.57032	1.48764	0.0	16
-0.58150	1.49747	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4209 PROBABILITY =0.104

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER TIC

MEAN= 8.3679 STANDARD DEVIATION= 3.6759

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.58975	0.72651	0.57615	16
-0.86180	0.96942	0.55648	16
-0.91621	1.16932	0.38947	16
-0.86180	1.24204	0.28927	16
-0.34491	1.52550	-0.00317	16
-0.18169	1.61791	-0.12932	16
0.03595	1.65842	-0.21688	16
0.11756	1.74220	0.0	16
0.11756	1.83586	0.0	16
0.44402	1.85800	0.0	16
2.07629	1.86575	0.0	16
-1.29707	1.83783	0.0	16

R= 0.576 PROB= 0.019 AT LAG 1
R= 0.556 PROB= 0.025 AT LAG 2

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5761 PROBABILITY =0.019

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER TOC

MEAN= 3.0089 STANDARD DEVIATION= 2.1141

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.17732	1.05262	0.49890	16
-0.52455	1.31996	0.15245	16
-0.14613	1.26121	0.10331	16
0.75262	1.07696	0.25284	16
-0.85567	1.28136	0.04051	16
-0.42994	1.25343	0.00477	16
-0.00422	1.16750	0.09951	16
-0.09883	1.31705	0.0	16
-0.09883	1.63731	0.0	16
0.65801	1.64160	0.0	16
1.74597	1.53207	0.0	16
3.02314	1.45392	0.0	16

R= 0.499 PROB= 0.049 AT LAG 1

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4989 PROBABILITY =0.049

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER CU-T

MEAN= 0.0044 STANDARD DEVIATION= 0.0040

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.35515	1.45360	0.36338	16
-0.60375	1.45227	0.32462	16
-0.10654	1.42948	0.31813	16
-0.35515	1.37578	0.36641	16
-0.85236	1.67117	0.09096	16
-0.85236	1.75901	-0.02229	16
-0.85236	1.63731	-0.11142	16
-0.10654	1.55130	0.0	16
-0.60375	1.51221	0.0	16
-0.60375	1.62547	0.0	16
-0.60375	1.59912	0.0	16
-0.60375	1.55379	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.3664 PROBABILITY =0.163

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER FE-T

MEAN= 1.5450 STANDARD DEVIATION= 1.7270

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.19976	1.37256	0.42343	16
0.14765	1.09760	0.59519	16
0.72668	1.63746	0.15323	16
-0.25767	1.70083	0.08446	16
-0.51823	1.90576	-0.15438	16
-0.57613	1.96983	-0.23755	16
-0.60508	1.93292	-0.25254	16
-0.68036	1.88768	0.0	16
-0.57613	1.71025	0.0	16
-0.62824	1.73076	0.0	16
-0.60508	1.53153	0.0	16
-0.59929	1.54393	0.0	16

R= 0.595 PROB= 0.015 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.5952 PROBABILITY =0.015

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER PB-T

MEAN= 0.0035 STANDARD DEVIATION= 0.0032

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.79203	1.57812	0.06494	16
0.15841	1.25232	0.37706	16
-0.47522	1.51732	0.08839	16
1.42567	1.60766	0.05517	16
-0.79203	1.59197	0.03239	16
-0.79203	1.65950	-0.05341	16
-0.47522	1.44533	0.13284	16
-0.47522	1.64431	0.0	16
-0.79203	1.43006	0.0	16
-0.79203	1.45829	0.0	16
-0.47522	1.50695	0.0	16
-0.79203	1.53581	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.3771 PROBABILITY =0.150

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER MN-T

MEAN= 0.0307 STANDARD DEVIATION= 0.0364

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.29430	1.36306	0.44052	16
-0.01962	1.10514	0.64468	16
-0.56898	1.69602	0.13317	16
-0.29430	1.66657	0.15668	16
-0.56898	1.97478	-0.18270	16
-0.56898	1.92153	-0.13640	16
-0.56898	1.89559	-0.17322	16
-0.56898	1.83363	0.0	16
-0.56898	1.66940	0.0	16
-0.56898	1.63515	0.0	16
-0.56898	1.49347	0.0	16
-0.56898	1.49347	0.0	16

R= 0.645 PROB= 0.007 AT LAG 2

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.6447 PROBABILITY =0.007

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER HG-T

MEAN= 0.0491 STANDARD DEVIATION= 0.0094

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.09466	0.74949	0.00670	16
0.09466	0.74949	0.01393	16
0.09466	0.74949	-0.00535	16
-4.67507	0.74949	0.01191	16
0.09466	0.74949	-0.00099	16
0.09466	0.74949	0.00039	16
0.09466	0.74949	-0.00130	16
0.09466	0.74949	0.0	16
0.09466	1.40841	0.0	16
0.09466	1.40841	0.0	16
0.09466	1.40841	0.0	16
0.09466	1.30490	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.0139 PROBABILITY =0.959

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ACOOO1 PARAMETER ZN-T

MEAN= 0.0126 STANDARD DEVIATION= 0.0180

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.48114	1.10998	-0.03421	16
-0.64814	1.04388	-0.15885	16
0.96626	1.06200	0.01751	16
-0.53681	0.92850	0.42596	16
-0.53681	1.39776	-0.01413	16
-0.42547	1.22313	-0.04798	16
-0.20279	1.33272	-0.13512	16
2.63633	1.18419	0.0	16
0.57657	1.33765	0.0	16
-0.53681	1.25864	0.0	16
-0.36980	1.45347	0.0	16
3.74970	1.33620	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.4260 PROBABILITY =0.100

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER T-AF

MEAN= 2.9214 STANDARD DEVIATION= 12.8980

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.39375	0.55651	0.72911	16
0.23869	0.76047	0.66249	16
0.39375	0.93936	0.53130	16
-0.45910	0.98973	0.48959	16
-0.22650	1.01999	0.31951	16
-1.35071	1.24262	0.15178	16
-1.15688	1.31610	0.01129	16
-1.69960	1.35434	0.0	16
-0.62191	1.48050	0.0	16
-2.39738	1.57037	0.0	16
-1.15688	1.64597	0.0	16
-0.61416	1.75479	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.7291 PROBABILITY =0.001

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

R= 0.729 PROB= 0.001 AT LAG 1
R= 0.662 PROB= 0.005 AT LAG 2
R= 0.531 PROB= 0.034 AT LAG 3

OOYTO9AB0008 PARAMETER T-WF

MEAN= 6.1964 STANDARD DEVIATION= 6.0608

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.29758	0.35500	0.95544	16
-0.03241	0.58966	0.85333	16
0.29758	0.81237	0.71095	16
-0.44489	1.00202	0.53592	16
-0.93988	1.15570	0.35056	16
-0.93988	1.30105	0.18001	16
-1.02237	1.39461	0.03892	16
-0.97287	1.49471	0.0	16
-1.00587	1.58070	0.0	16
-0.77488	1.65845	0.0	16
-1.00587	1.71155	0.0	16
-1.00587	1.76690	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.9554 PROBABILITY =0.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

R= 0.955 PROB= 0.000 AT LAG 1
R= 0.853 PROB= 0.000 AT LAG 2
R= 0.711 PROB= 0.002 AT LAG 3
R= 0.536 PROB= 0.032 AT LAG 4

OOYTO9ABOOO8 PARAMETER PH-F

MEAN= 7.2411 STANDARD DEVIATION= 1.4434

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.38723	0.26888	0.06955	16
0.45651	0.28088	-0.03304	16
0.35259	0.25572	0.02710	16
0.17939	0.22180	-0.03516	16
0.24867	0.30297	-0.08061	16
0.17939	1.32844	-0.08765	16
-5.01656	1.28365	0.01550	16
-0.16701	1.30704	0.0	16
0.24867	1.38915	0.0	16
-0.02845	1.30328	0.0	16
0.11011	1.24706	0.0	16
0.11011	1.27900	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0695 PROBABILITY =0.798

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OCYTO9AB0008 PARAMETER SC-F

MEAN= 48.5357 STANDARD DEVIATION= 27.1832

6 ZEROS OUT OF 28 VALUES = 21.4%

VALUE	REDUND.	ACF	#OBSERV.
-1.78550	0.85447	0.51512	16
-1.78550	0.83357	0.38863	16
-1.78550	1.01686	0.20975	16
-1.78550	1.06127	0.06379	16
0.09066	1.02081	0.05913	16
-0.01971	1.06123	0.14085	16
0.23780	1.06541	0.14046	16
0.01708	0.79413	0.0	16
0.16423	1.18572	0.0	16
-1.78550	1.32144	0.0	16
0.05387	1.33234	0.0	16
0.34817	1.39192	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5151 PROBABILITY =0.041

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

R= 0.515 PROB= 0.041 AT LAG 1

OOYTO9ABOOO8 PARAMETER T-WL

MEAN= 21.0249 STANDARD DEVIATION= 2.8284

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.16796	0.66275	-0.00738	16
0.06189	0.54645	0.06101	16
0.41545	0.70096	-0.07939	16
-4.56974	0.64488	0.14121	16
0.06189	0.70679	0.04883	16
0.09725	0.58377	0.05217	16
0.34474	0.49868	0.03856	16
-0.71594	0.60995	0.0	16
-0.36238	1.38541	0.0	16
-0.07953	1.25719	0.0	16
0.09725	1.28640	0.0	16
-0.00882	1.37627	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.1412 PROBABILITY =0.602

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABC0008 PARAMETER PH-L

MEAN= 7.6600 STANDARD DEVIATION= 0.2355

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.59443	1.33222	0.33577	16
0.16985	1.57250	0.10369	16
0.16985	1.43227	0.12078	16
-1.10387	1.24636	0.11120	16
0.16985	1.24682	0.02764	16
0.38214	1.30077	-0.01668	16
-0.25472	1.33159	0.02512	16
0.16985	1.46954	0.0	16
1.01900	1.51000	0.0	16
1.01900	1.53553	0.0	16
-0.25472	1.52891	0.0	16
0.59443	1.38549	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3358 PROBABILITY =0.204

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER SC-L

MEAN= 98.6106 STANDARD DEVIATION= 13.9385

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.70385	0.42153	0.25255	16
-0.85451	0.53344	-0.02908	16
-0.56036	0.61147	0.03826	16
-0.07251	0.66611	0.01993	16
-0.04381	1.32169	-0.09660	16
-0.98365	1.34392	-0.20065	16
0.31491	1.35793	-0.16782	16
4.47604	1.33446	0.0	16
0.31491	1.24623	0.0	16
0.24317	1.02427	0.0	16
0.00641	1.25636	0.0	16
0.06381	1.36056	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2525 PROBABILITY =0.345

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER TURB

MEAN= 2.3246 STANDARD DEVIATION= 7.4600

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.16416	1.77770	0.06279	16
-0.21108	1.79247	0.03438	16
-0.26872	1.87732	-0.05580	16
-0.27944	1.89973	-0.08304	16
-0.28346	1.89492	-0.08365	16
0.19777	1.88701	-0.07871	16
-0.26068	1.87422	-0.06180	16
-0.28212	1.87289	0.0	16
-0.21510	1.87959	0.0	16
-0.25800	1.89307	0.0	16
-0.26738	1.33929	0.0	16
-0.27944	1.22668	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0628 PROBABILITY =0.817

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER COLR

MEAN= 5.5357 STANDARD DEVIATION= 2.5456

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
1.75371	1.38887	0.25584	16
-0.21045	1.70101	-0.05549	16
-0.21045	1.83730	-0.23765	16
-0.99611	1.96416	-0.33215	16
-0.21045	1.70101	0.00911	16
0.57522	1.70101	-0.04338	16
-0.21045	1.71231	-0.04439	16
-0.21045	1.71231	0.0	16
-0.21045	1.77862	0.0	16
-0.21045	1.41638	0.0	16
-0.21045	1.25384	0.0	16
-0.21045	1.34656	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2558 PROBABILITY =0.339

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER ALKP

MEAN= 0.0 STANDARD DEVIATION= -0.0

28 ZEROS OUT OF 28 VALUES = 100.0%

OOYTO9ABOOO8 PARAMETER ALKT

MEAN= 41.9285 STANDARD DEVIATION= 3.1913

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.23099	0.70277	0.62530	16
-1.23099	0.92222	0.47038	16
-0.91764	1.17058	0.21124	16
-0.51029	1.34949	-0.06154	16
0.21042	1.46484	-0.17938	16
-1.26233	1.51474	-0.30567	16
1.46381	1.51818	-0.25465	16
1.02512	1.41836	0.0	16
1.08779	1.35333	0.0	16
1.27580	1.27468	0.0	16
0.58643	1.15955	0.0	16
0.21042	1.44127	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.6253 PROBABILITY =0.010

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

R= 0.625 PROB= 0.010 AT LAG 1

OOYTO9ABOOO8 PARAMETER HARD

MEAN= 46.9321 STANDARD DEVIATION= 3.2387

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.15234	0.54545	0.59573	16
-1.21410	0.80997	0.45217	16
-0.56568	1.02825	0.23344	16
-0.53481	1.17588	0.04546	16
0.08273	1.26541	-0.10123	16
-1.83163	1.33118	-0.24738	16
1.62657	1.39605	-0.18676	16
1.28693	1.34241	0.0	16
1.13254	1.35452	0.0	16
1.25605	1.27376	0.0	16
0.91640	1.32253	0.0	16
0.45325	1.53821	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5957 PROBABILITY =0.015

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

R= 0.596 PROB= 0.015 AT LAG 1

OOYTO9ABOOO8 PARAMETER CA-D

MEAN= 14.3321 STANDARD DEVIATION= 1.1403

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.72974	0.90185	0.56305	16
-1.34363	1.12116	0.37876	16
-0.81744	1.29393	0.13486	16
-0.55434	1.36198	0.00963	16
-0.37894	1.39907	-0.16833	16
-1.43133	1.46223	-0.23831	16
1.46274	1.45911	-0.17057	16
0.93654	1.40112	0.0	16
1.37504	1.34939	0.0	16
1.19964	1.35206	0.0	16
0.93654	1.30226	0.0	16
0.32265	1.61113	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.5631 PROBABILITY =0.023

MAXIMUM INCREASE IN REDUNDANCY FROM 11 - 12 WEEK SAMPLING INTERVALS

R= 0.563 PROB= 0.023 AT LAG 1

OOYTO9AB0008 PARAMETER MG-D

MEAN= 2.7011 STANDARD DEVIATION= 0.2500

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-1.60443	1.34178	-0.05359	16
-0.00427	1.18962	0.08394	16
0.39578	1.31501	0.10212	16
-0.16428	1.11227	0.02261	16
1.19586	1.16755	0.27592	16
-1.60443	1.52361	-0.24707	16
1.19586	1.47015	-0.12632	16
1.59590	1.41750	0.0	16
-0.40430	1.20283	0.0	16
0.79582	1.57703	0.0	16
0.27577	1.35162	0.0	16
0.39578	1.24049	0.0	16

MAXIMUM COHERENCE AT 5 WEEK INTERVALS RMAX= 0.2759 PROBABILITY =0.301

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER K -D

MEAN= 0.6179 STANDARD DEVIATION= 0.0863

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.20690	1.26266	0.20069	16
-0.20690	1.38922	0.15447	16
-1.36559	1.15869	0.13579	16
-1.36559	1.26266	0.12238	16
-1.36559	1.38922	-0.21795	16
0.95180	1.00346	0.10922	16
-0.20690	1.41910	-0.24491	16
0.95180	1.38922	0.0	16
0.95180	1.35869	0.0	16
2.11049	1.50519	0.0	16
-0.20690	1.61283	0.0	16
0.95180	1.44837	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.2007 PROBABILITY =0.456

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER NA-D

MEAN= 1.1250 STANDARD DEVIATION= 0.1431

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.87380	1.13259	0.49047	16
-0.87380	1.24805	0.24328	16
-0.87380	1.38713	-0.00289	16
-0.17475	1.53353	-0.24433	16
0.52430	1.38713	-0.14947	16
1.92239	1.46216	-0.08871	16
1.92239	1.66712	-0.19798	16
0.52430	1.53353	0.0	16
0.52430	1.51348	0.0	16
0.52430	1.40898	0.0	16
-0.17475	0.95721	0.0	16
0.52430	1.11902	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4905 PROBABILITY =0.054

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER SIO2

MEAN= 3.1964 STANDARD DEVIATION= 0.5568

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.89162	1.31985	0.09852	16
-0.89162	1.35825	-0.03588	16
-0.71201	1.28894	-0.08031	16
-0.53240	1.25405	-0.11755	16
-0.17318	1.17606	-0.11653	16
3.23939	1.02590	-0.03407	16
0.36564	1.38616	-0.08843	16
0.18603	1.32443	0.0	16
0.00643	1.30603	0.0	16
0.00643	1.34856	0.0	16
-0.17318	1.23216	0.0	16
0.00643	1.14038	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.0985 PROBABILITY =0.717

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER SO4

MEAN= 5.3893 STANDARD DEVIATION= 0.7010

O ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.27002	0.99093	0.42389	16
0.30061	0.92796	0.19070	16
-0.12736	1.04770	0.19556	16
0.30061	1.15621	0.01117	16
-0.41267	1.14070	0.08766	16
-2.26722	1.14571	0.13119	16
0.72858	1.40093	0.02574	16
0.72858	1.45613	0.0	16
0.30061	1.59735	0.0	16
1.01390	1.75481	0.0	16
0.58593	1.81678	0.0	16
0.01530	1.70928	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4239 PROBABILITY =0.102

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER NN-D

MEAN= 0.0664 STANDARD DEVIATION= 0.1302

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.48667	1.91076	-0.08574	16
-0.50204	1.87640	-0.11625	16
-0.49436	1.87225	-0.11374	16
-0.47899	1.54469	0.19801	16
-0.44827	1.83648	-0.10118	16
0.08175	1.59337	-0.08355	16
-0.27927	1.58230	-0.08073	16
-0.35609	1.55422	0.0	16
0.02030	1.00876	0.0	16
-0.22550	1.53988	0.0	16
-0.29464	1.60661	0.0	16
-0.22550	1.61787	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.1980 PROBABILITY =0.462

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

00YT09AB0008 PARAMETER RNFL

MEAN= 8.5714 STANDARD DEVIATION= 8.9626

3 ZEROS OUT OF 28 VALUES = 10.7%

VALUE	REDUND.	ACF	#OBSERV.
-0.51006	1.40856	0.34531	16
-0.39848	1.68104	0.11020	16
-0.39848	1.67641	0.07457	16
-0.95636	1.57642	0.18444	16
-0.95636	1.83209	-0.10515	16
-0.73321	1.61085	0.10738	16
-0.28691	1.54149	0.15068	16
-0.95636	1.77119	0.0	16
-0.06376	1.77405	0.0	16
-0.73321	1.52040	0.0	16
0.15939	1.43293	0.0	16
-0.17533	1.54954	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.3453 PROBABILITY =0.190

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER R-FL

MEAN= 78.1071 STANDARD DEVIATION= 39.7225

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.75794	1.27556	0.06727	16
-0.70759	1.35879	-0.19534	16
-0.83346	1.34463	-0.29744	16
-0.55654	1.37529	0.11576	16
0.85324	1.34866	0.18736	16
-0.65724	1.27381	0.19439	16
-1.21108	1.60429	-0.19608	16
-1.96632	1.58006	0.0	16
2.01127	1.31791	0.0	16
1.10499	1.31485	0.0	16
0.75254	1.51277	0.0	16
-0.80829	1.67637	0.0	16

MAXIMUM COHERENCE AT 6 WEEK INTERVALS RMAX= 0.1944 PROBABILITY =0.471

MAXIMUM INCREASE IN REDUNDANCY FROM 6 - 7 WEEK SAMPLING INTERVALS

00YT09AB0008 PARAMETER RFNF

MEAN= 3.3214 STANDARD DEVIATION= 3.5492

6 ZEROS OUT OF 28 VALUES = 21.4%

VALUE	REDUND.	ACF	#OBSERV.
-0.09056	1.80137	-0.01136	16
0.19119	1.26986	0.43635	16
-0.93583	1.62469	0.08626	16
-0.93583	1.47754	0.20816	16
-0.93583	1.62010	0.05960	16
-0.93583	1.50581	0.14693	16
-0.93583	1.63988	-0.00508	16
-0.93583	1.50251	0.0	16
-0.37232	1.71096	0.0	16
-0.37232	1.62316	0.0	16
-0.37232	1.43495	0.0	16
-0.09056	1.62010	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.4363 PROBABILITY =0.091

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER R-FF

MEAN= 53.8929 STANDARD DEVIATION= 39.5347

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.40200	1.51937	-0.05363	16
-0.32612	1.38974	-0.20464	16
-0.30082	1.21588	0.01856	16
-0.25023	1.68566	-0.05747	16
1.21683	1.36413	0.22890	16
-0.25023	1.41989	0.09139	16
-0.90788	1.75994	-0.26011	16
-1.36318	1.54074	0.0	16
2.02625	1.61103	0.0	16
1.67213	1.41595	0.0	16
-0.04788	1.56009	0.0	16
-0.25023	1.66514	0.0	16

MAXIMUM COHERENCE AT 5 WEEK INTERVALS RMAX= 0.2289 PROBABILITY =0.394

MAXIMUM INCREASE IN REDUNDANCY FROM 3 - 4 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER AS-X

MEAN= 0.0002 STANDARD DEVIATION= 0.0001

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.59604	1.19206	-0.01514	16
0.59604	1.57695	-0.11284	16
0.59604	1.42923	-0.19668	16
0.59604	1.42923	-0.02845	16
0.59604	1.29902	-0.13626	16
0.59604	1.45997	-0.04925	16
-2.98015	1.49008	-0.07542	16
0.59604	1.22875	0.0	16
-0.59602	1.36568	0.0	16
0.59604	1.39782	0.0	16
-0.59602	1.36568	0.0	16
0.59604	1.29902	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER SE-X

MEAN= 0.0001 STANDARD DEVIATION= 0.0000

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
-0.18898	0.93542	-0.03892	16
-0.18898	0.93542	-0.30312	16
-0.18898	1.14565	-0.30755	16
-0.18898	1.14565	-0.04338	16
2.45678	1.14565	0.22908	16
-0.18898	1.32288	-0.02828	16
-2.83474	1.32288	-0.04909	16
-0.18898	1.14565	0.0	16
-0.18898	1.47902	0.0	16
2.45678	1.47902	0.0	16
-0.18898	1.62019	0.0	16
-0.18898	1.32288	0.0	16

MAXIMUM COHERENCE AT 5 WEEK INTERVALS RMAX= 0.2291 PROBABILITY =0.393

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER N-TD

MEAN= 0.1547 STANDARD DEVIATION= 0.1952

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.56695	1.86012	-0.04917	16
-0.54646	1.93154	-0.18089	16
-0.56695	1.87659	-0.13639	16
-0.48499	1.67961	0.07077	16
-0.43889	1.74932	-0.00048	16
0.03751	1.75370	-0.10997	16
0.10410	1.72080	-0.06434	16
-0.26472	1.65337	0.0	16
0.12971	1.28710	0.0	16
-0.32619	1.75635	0.0	16
-0.25960	1.81978	0.0	16
-0.49011	1.79357	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.0708 PROBABILITY =0.795

MAXIMUM INCREASE IN REDUNDANCY FROM 9 - 10 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER P -T

MEAN= 0.0203 STANDARD DEVIATION= 0.0192

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.85004	1.26176	0.48880	16
-0.74588	1.42005	0.35292	16
-0.69379	1.67157	0.11233	16
-0.64171	1.70337	0.03147	16
-0.48547	1.27612	0.09795	16
-0.27714	1.23549	0.11440	16
-0.17298	1.30378	0.03009	16
-0.58963	1.39542	0.0	16
0.03534	1.42582	0.0	16
-0.53755	1.47979	0.0	16
-0.43339	1.44513	0.0	16
-0.27714	1.40655	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4888 PROBABILITY =0.055

MAXIMUM INCREASE IN REDUNDANCY FROM 2 - 3 WEEK SAMPLING INTERVALS

OOYTO9AB0008 PARAMETER TIC

MEAN= 10.6000 STANDARD DEVIATION= 1.3315

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.67594	1.10811	0.17857	16
-0.90125	1.31125	0.25733	16
-1.20167	1.34967	0.14018	16
-0.97636	1.26625	0.17187	16
0.30043	1.49528	-0.23498	16
-1.05146	1.52966	-0.09605	16
1.05147	1.38372	-0.11192	16
0.30043	1.42167	0.0	16
0.30043	1.38283	0.0	16
0.30043	1.45851	0.0	16
2.55357	1.57273	0.0	16
-0.82615	1.61312	0.0	16

MAXIMUM COHERENCE AT 2 WEEK INTERVALS RMAX= 0.2573 PROBABILITY =0.336

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER TOC

MEAN= 2.2714 STANDARD DEVIATION= 0.9584

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.90926	1.23996	0.18184	16
0.23850	1.34173	0.18514	16
0.23850	1.34098	0.02314	16
1.38626	1.21035	0.27186	16
-1.36836	1.52082	-0.17772	16
0.02982	1.39411	-0.00432	16
-0.28321	1.45669	0.00053	16
0.76021	1.37874	0.0	16
-0.07452	1.65452	0.0	16
1.17757	1.60844	0.0	16
1.49060	1.39873	0.0	16
0.02982	1.34471	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2719 PROBABILITY =0.308

MAXIMUM INCREASE IN REDUNDANCY FROM 4 - 5 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER CD-T

MEAN= 0.0000 STANDARD DEVIATION= 0.0001

26 ZEROS OUT OF 28 VALUES = 92.9%

VALUE	REDUND.	ACF	#OBSERV.
-0.27235	0.95323	0.46553	16
-0.27235	1.65105	-0.07556	16
-0.27235	1.65105	-0.08431	16
-0.27235	1.65105	-0.07784	16
-0.27235	1.65105	-0.09724	16
-0.27235	1.65105	-0.09357	16
-0.27235	1.65105	-0.09613	16
-0.27235	1.65105	0.0	16
-0.27235	1.65105	0.0	16
-0.27235	1.65105	0.0	16
-0.27235	1.65105	0.0	16
3.54058	1.65105	0.0	16

MAXIMUM COHERENCE AT 1 WEEK INTERVALS RMAX= 0.4655 PROBABILITY =0.069

MAXIMUM INCREASE IN REDUNDANCY FROM 1 - 2 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER CU-T

MEAN= 0.0044 STANDARD DEVIATION= 0.0093

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.14652	0.34141	-0.06302	16
-0.36244	0.36711	-0.04817	16
-0.25448	0.32163	-0.06508	16
-0.36244	0.33603	-0.04865	16
4.92771	0.35705	-0.02839	16
-0.36244	0.39299	-0.04089	16
-0.25448	0.30892	-0.00453	16
-0.25448	1.33923	0.0	16
-0.36244	1.37042	0.0	16
-0.36244	1.36269	0.0	16
-0.36244	1.37281	0.0	16
-0.25448	1.32803	0.0	16

MAXIMUM COHERENCE AT 12 WEEK INTERVALS RMAX= 0.0 PROBABILITY =1.000

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER FE-T

MEAN= 0.1634 STANDARD DEVIATION= 0.1683

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.49529	1.43668	0.12129	16
-0.49529	1.64812	-0.07660	16
-0.25762	1.65605	-0.01629	16
-0.31703	1.24759	0.01642	16
-0.75672	1.43339	-0.14234	16
2.00025	1.11268	0.13471	16
-0.31703	1.23842	0.17606	16
-0.73296	1.40209	0.0	16
-0.07936	1.62416	0.0	16
-0.49529	1.61002	0.0	16
-0.55470	1.44311	0.0	16
-0.67354	1.24791	0.0	16

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.1761 PROBABILITY =0.514

MAXIMUM INCREASE IN REDUNDANCY FROM 8 - 9 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER PB-T

MEAN= 0.0027 STANDARD DEVIATION= 0.0028

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
0.09068	1.86046	-0.15294	16
0.45337	1.62201	0.08303	16
-0.63471	1.24655	0.39556	16
-0.27202	1.57051	-0.13581	16
-0.63471	1.02184	0.28188	16
-0.63471	1.43940	-0.01754	16
-0.27202	1.33570	0.06651	16
-0.27202	1.30456	0.0	16
-0.27202	1.46206	0.0	16
-0.63471	1.35100	0.0	16
-0.63471	1.38704	0.0	16
-0.27202	1.34490	0.0	16

MAXIMUM COHERENCE AT 3 WEEK INTERVALS RMAX= 0.3956 PROBABILITY =0.129

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS

OOYTO9AB0008 PARAMETER MN-T

MEAN= 0.0111 STANDARD DEVIATION= 0.0031

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.34016	1.94422	-0.12995	16
-0.34016	1.58745	0.24784	16
-0.34016	1.94422	-0.11821	16
-0.34016	1.77482	-0.10217	16
-0.34016	1.37477	0.28234	16
-0.34016	1.77482	-0.10636	16
-0.34016	1.37477	0.26580	16
-0.34016	1.77482	0.0	16
-0.34016	1.58745	0.0	16
-0.34016	1.58745	0.0	16
-0.34016	1.37477	0.0	16
-0.34016	1.37477	0.0	16

MAXIMUM COHERENCE AT 5 WEEK INTERVALS RMAX= 0.2823 PROBABILITY =0.289

MAXIMUM INCREASE IN REDUNDANCY FROM 7 - 8 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER HG-T

MEAN= 0.0482 STANDARD DEVIATION= 0.0095

1 ZEROS OUT OF 28 VALUES = 3.6%

VALUE	REDUND.	ACF	#OBSERV.
0.18898	0.0	-0.04317	16
0.18898	0.0	-0.03050	16
0.18898	0.0	-0.04539	16
0.18898	0.0	-0.04611	16
0.18898	0.0	-0.03319	16
0.18898	1.32271	-0.04892	16
-5.10187	1.32271	0.00059	16
0.18898	1.32271	0.0	16
0.18898	1.32271	0.0	16
0.18898	1.32271	0.0	16
0.18898	1.32271	0.0	16
0.18898	1.32271	0.0	16

MAXIMUM COHERENCE AT 7 WEEK INTERVALS RMAX= 0.0006 PROBABILITY =0.998

MAXIMUM INCREASE IN REDUNDANCY FROM 12 - 13 WEEK SAMPLING INTERVALS

OOYTO9ABOOO8 PARAMETER ZN-T

MEAN= 0.0074 STANDARD DEVIATION= 0.0115

0 ZEROS OUT OF 28 VALUES = 0.0%

VALUE	REDUND.	ACF	#OBSERV.
-0.55500	0.41926	0.03059	16
-0.29309	0.30867	0.11077	16
1.10377	0.42714	-0.19679	16
-0.55500	0.34302	0.21154	16
-0.29309	0.43652	-0.07817	16
-0.38039	1.16007	0.02945	16
4.59594	1.30043	-0.05675	16
0.49265	1.24752	0.0	16
0.84186	1.22108	0.0	16
-0.55500	1.33174	0.0	16
-0.11848	1.28718	0.0	16
-0.46770	1.44415	0.0	16

MAXIMUM COHERENCE AT 4 WEEK INTERVALS RMAX= 0.2115 PROBABILITY =0.432

MAXIMUM INCREASE IN REDUNDANCY FROM 5 - 6 WEEK SAMPLING INTERVALS